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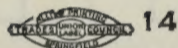
FRANCIS S. LORENZ, *Director*

VIRDEN E. STAFF,
Chief Highway Engineer

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DEPARTMENT OF PUBLIC WORKS AND BUILDINGS
DIVISION OF HIGHWAYS

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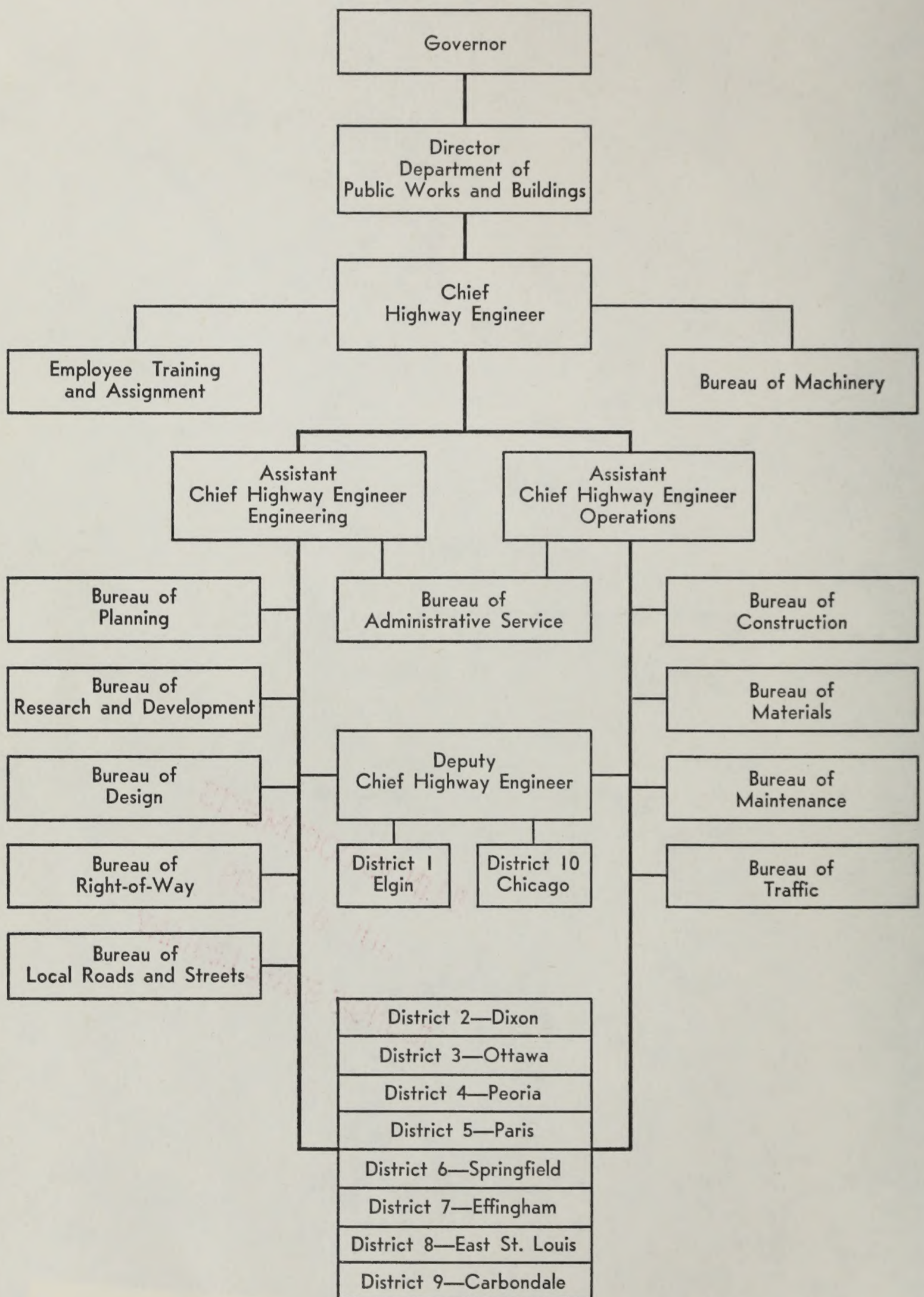


Figure 1.

Administrative Officers of
The Department of Public Works and Buildings
Division of Highways
July 1, 1964

OTTO KERNER, *Governor*
FRANCIS S. LORENZ, *Director*

Division of Highways

VIRDEN E. STAFF, *Chief Highway Engineer*
GEORGE H. SHANAHAN, *Assistant Chief Highway Engineer*
THEODORE F. MORF, *Assistant Chief Highway Engineer*
ROGER F. NUSBAUM, *Deputy Chief Highway Engineer*
WALTER A. MCCREE, *Engineer of Employee Training and
Assignment*

BUREAU CHIEFS

W. M. MARSHALL, *Engineer of Administrative Service*
H. R. HANLEY, *Engineer of Right-of-way*
E. L. SHERERTZ, *Engineer of Design*
T. H. F. NORRIS, *Engineer of Construction*
F. A. DYKINS, *Engineer of Materials*
H. O. SCHEER, *Engineer of Maintenance*
J. A. SHANEMAN, *Engineer of Planning*
J. E. BURKE, *Engineer of Research and Development*
W. R. BERRY, *Engineer of Traffic*
D. C. WIKE, *Superintendent of Transportation*
C. J. VRANEK, *Engineer of Local Roads and Streets*

DISTRICT ENGINEERS

District No. 1—J. H. DINKHELLER, Elgin, Ill.
District No. 2—M. M. MEMLER, Dixon, Ill.
District No. 3—O. A. EVANS, Ottawa, Ill.
District No. 4—D. M. COSTELLO, Peoria, Ill.
District No. 5—J. G. KELLER, Paris, Ill.
District No. 6—E. K. DAMOTTE, Springfield, Ill.
District No. 7—I. C. BLISS, Effingham, Ill.
District No. 8—W. S. KRAUSE, East St. Louis, Ill.
District No. 9—V. T. KUPEL, Carbondale, Ill.
District No. 10—C. A. BENOWICZ, Chicago, Ill.

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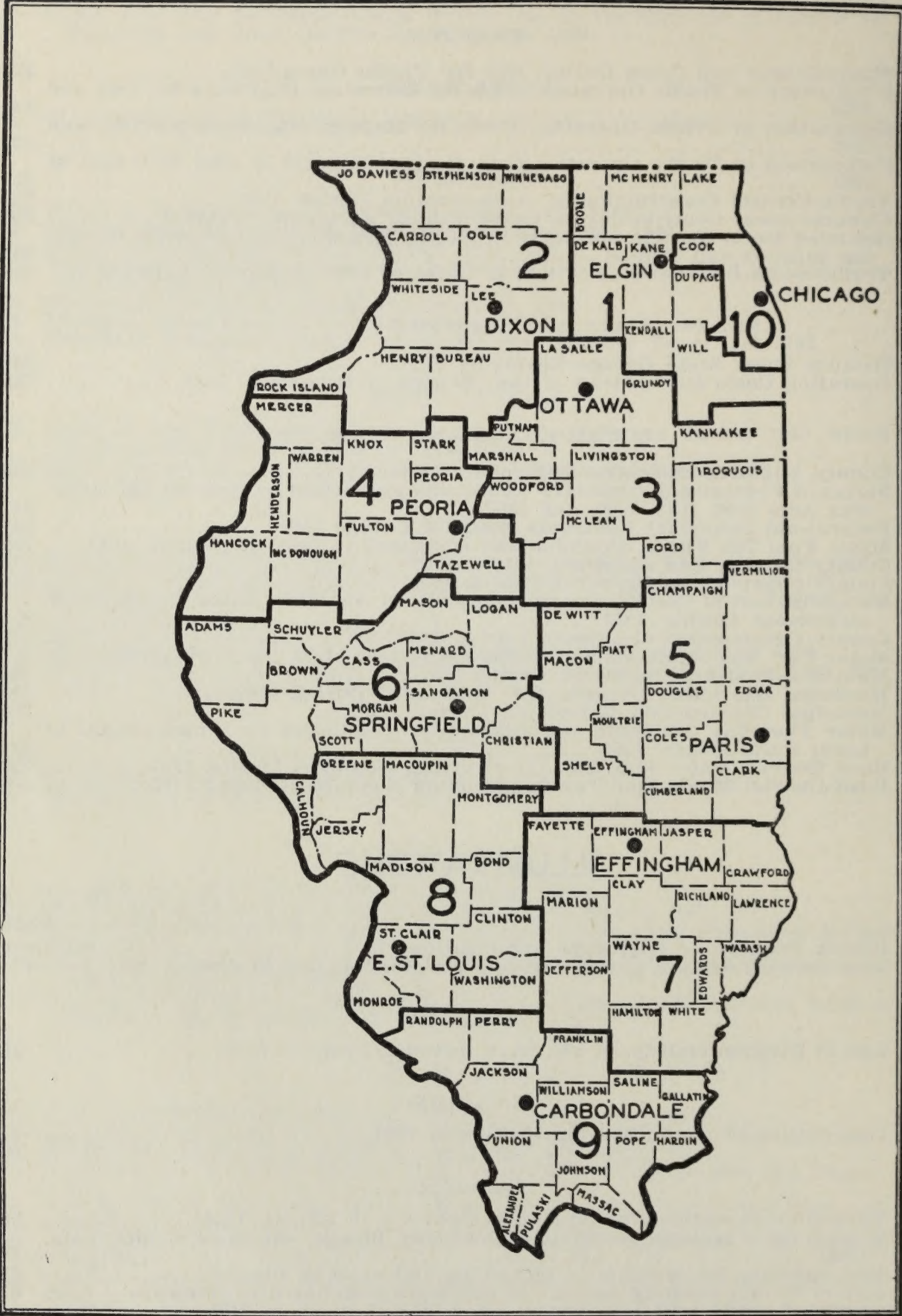


Figure 2.—Map showing State highway districts and the location of district offices.

DIVISION OF HIGHWAYS

I. SUMMARY

This report contains a detailed account of the administration, construction, and maintenance of State highways in Illinois for the year ending December 31, 1963.

The text, tables, and charts contained herein describe the financial transactions of State funds; show the typical cross sections used; list the contracts awarded and work accomplished during the year; give the cost of maintenance and traffic operation; and contain the highway construction performed by local governments under State supervision with funds allocated by the State. Therefore, this report is considered the historical record of the year's work of the Division of Highways. Although printed in limited quantities, it is distributed to legislators and other governmental officials, contractors, engineers, public libraries, and to others upon request who are interested in State highway work of Illinois.

1. ORGANIZATION.—The Division of Highways is one of the several divisions included in the Department of Public Works and Buildings. The Chief Highway Engineer, the executive officer of the Division, administers the highway work of the State with the aid of assistants, the central offices and bureaus, and the ten highway districts.

The organization structure of the Division is shown in Figure 1. In Figure 2 the boundaries of the highway districts and the location of district offices are shown.

2. FEDERAL-AID FUNDS.—On July 8, 1963 the apportionment of Federal-aid highway funds was made for the year ending June 30, 1965. The amounts appropriated under the Federal-aid Highway Acts of 1962 and 1963 for the several Federal-aid systems are shown in the tabulation on page 2. From the nationwide appropriation for each system, $1\frac{3}{4}$ per cent was reserved for administering provisions of the Federal highway laws and the remaining amount apportioned each state in accordance with formulas utilizing population, area, road mileage, etc. as prescribed by law. In the tabulation of these funds the amounts available to Illinois are shown opposite those for the United States with the percentage of the total which Illinois will receive.

Federal-aid highway funds are made available to reimburse the states for the Federal share of construction costs. For interstate highways, since 1956 the Federal share has been 90 per cent, while for the other three systems indicated above the Federal Government generally finances 50 per cent of the construction cost, but not in excess of the allocation to the state. The states plan the work, complete the construction with the approval of the Federal Bureau of Public Roads, pay for the job, and request reimbursement for the Federal share.

SUMMARY

Federal-Aid Highway Act	For Year Ending June 30	United States (\$000)	Illinois	
			Allocation	Per Cent of Total
FEDERAL-AID INTERSTATE SYSTEM				
1956-----	1957 Supplement	1,000,000	\$ 47,148,832	4.715
	1958	1,700,000	80,153,014	4.715
	1959	2,000,000	93,684,148	4.684
1958-----	1959 Supplement	200,000	\$ 9,415,493	4.708
	1960	2,500,000	127,559,000	5.102
1959-----	1961	1,800,000	\$ 91,380,960	5.077
1960-----	1962	2,200,000	\$111,053,250	5.048
1961-----	1963	2,400,000	\$124,851,600	5.202
1962-----	1964	2,600,000	\$135,255,900	5.202
1963-----	1965	2,700,000	\$139,746,870	5.176
Total-----		19,100,000	\$960,249,067	5.027
FEDERAL-AID PRIMARY (EXCLUSIVE OF INTERSTATE)				
1956-----	1957 Supplement	56,250	\$ 2,189,083	3.892
	1958	382,500	14,885,768	3.892
	1959	393,750	15,191,611	3.858
1958-----	1959 Supplement	180,000	\$ 6,979,635	3.878
	1960	405,000	15,469,427	3.820
	1961	416,250	15,516,188	3.728
1960-----	1962	416,250	\$ 15,614,202	3.751
	1963	416,250	15,513,518	3.727
1962-----	1964	427,500	\$ 15,968,454	3.735
	1965	438,750	16,343,528	3.725
Total-----		3,532,500	\$133,671,414	3.784
FEDERAL-AID URBAN (EXCLUSIVE OF INTERSTATE)				
1956-----	1957 Supplement	31,250	\$ 2,198,233	7.034
	1958	212,500	14,947,982	7.034
	1959	218,750	15,310,690	6.999
1958-----	1959 Supplement	100,000	\$ 7,034,344	7.034
	1960	225,000	15,748,139	6.999
	1961	231,250	16,104,252	6.964
1960-----	1962	231,250	\$ 14,845,085	6.419
	1963	231,250	14,828,279	6.412
1962-----	1964	237,500	\$ 15,229,044	6.412
	1965	243,750	15,550,670	6.380
Total-----		1,962,500	\$131,796,718	6.716
FEDERAL-AID SECONDARY				
1956-----	1957 Supplement	37,500	\$ 1,189,296	3.171
	1958	255,000	8,087,214	3.171
	1959	262,500	8,247,143	3.142
1958-----	1959 Supplement	120,000	\$ 3,789,068	3.158
	1960	270,000	8,378,987	3.103
	1961	277,500	8,366,794	3.015
1960-----	1962	277,500	\$ 8,570,704	3.089
	1963	277,500	8,496,860	3.062
1962-----	1964	285,000	\$ 8,750,018	3.070
	1965	292,500	8,959,941	3.063
Total-----		2,355,000	\$ 72,836,025	3.093
Total All Systems-----		26,950,000	\$1,298,553,224	4.818

SUMMARY

3. **LEGISLATION.**—The 73rd General Assembly meeting in 1963 enacted many bills pertaining to motor vehicles and highway operation. Most of these bills are listed and discussed briefly in Section II, Legislation. However, one bill of special interest to the highway administrator is Senate Bill 902. This bill provided for the appointment of a Commission to investigate, study, and formulate a highway plan for the State. The Commission is to consist of 5 members appointed from each of the Illinois House and Senate, and 7 citizens from various occupations and localities in the State.

Those appointed to the Commission were:

Senators Paul W. Broyles William L. Grindle Frank M. Ozinga Everett R. Peters Edmund G. Sweeney	Representatives Fred Branson Bertil T. Rosander George L. Saal Peter J. Whalen Michael F. Zlatnik
Public members O. T. Banton, chairman	
William J. Mortimer Donald S. Berry Ellis Danner	John Wooledge Ray Nourie William L. Watson

Senate Bill 902 directs the Commission to study the public roads and streets in Illinois and classify them into systems in accordance with their functional characteristics; make a study of needs; give special emphasis to problems created by rapidly growing urban areas; study the administrative aspects of governmental agencies responsible for construction and maintenance of streets and highways; analyse the financing and revenue sources; and study the effect of the Federal-aid program. The bill appropriates \$50,000 from the Road Fund for expenses of the Commission and directs the Commission to report its progress to the 74th General Assembly in 1965.

4. **DESIGN.**—The construction obligation incurred in 1963, exclusive of costs for right-of-way and preliminary engineering amounted to \$234,300,911.55. Of this total \$11,327,740.26 represented contract agreements with railroad and utility companies for adjustment of their facilities, incidentals to completion of contract awards of previous years, additions and betterments, and Cook County and City of Chicago utility and railroad protection projects. The remaining construction obligation, amounting to \$222,973,171.09 consists of contracts awarded for State highway improvements by the State and by Cook County and the City of Chicago. In the following tabulation the amount of the contracts awarded by each unit of government and the amount on each system of State highways are shown.

Class of Government	Interstate		Primary	Secondary	Other	Total	
	Amount	Per Cent				Amount	Per Cent
State of Illinois	\$115,157,169.58	92.4	\$70,220,751.44	\$25,498,931.81	\$989,832.10	\$211,866,684.93	95.0
Cook County..	8,242,915.20	6.6	1,587,703.26	-----	-----	9,830,618.46	4.4
City of Chicago	1,275,867.70	1.0	-----	-----	-----	1,275,867.70	0.6
Total.....	\$124,675,952.48	100.0	\$71,808,454.70	\$25,498,931.81	\$989,832.10	\$222,973,171.09	100.0
Per Cent..	55.9		32.2	11.4	0.5	100.0	

SUMMARY

More detailed discussion of the design work of 1963 is given in Section V of this report. Included are a list of contracts and an analysis of the mileage and work involved. Charts are also included for typical cross sections for interstate and other State highways.

5. CONSTRUCTION.—Improvements were completed for 1,132.41 miles of State highways during 1963. The following tabulation shows the unit of government completing the work and the mileage on each of the highway systems.

Government	Miles of State Highways Improved in 1962			
	Interstate	Primary	Secondary	Total
State of Illinois.....	86.34	616.65	428.64	1,131.63
Cook County.....	0.78			0.78
City of Chicago.....				
Total.....	87.12	616.65	428.64	1,132.41

In addition to the miles of pavement surfaces completed, many bridges and grade separation structures were necessary. A tabulation of structures completed in 1963 follows:

System	Bridges		Grade Separations		Total Structures	
	New	Repaired or Widened	New	Repaired or Widened	New	Repaired or Widened
State of Illinois						
Interstate.....	48	1	131	2	179	3
Primary.....	32	85	31	22	63	107
Secondary.....	33		5		38	
Cook County						
Interstate.....			3		3	
Total all systems.....	113	86	170	24	283	110

In addition to the mileage of highway surfaces and bridges completed a considerable amount of miscellaneous work was performed on State highways. This included placing 1,288,498 square yards of intermittent bituminous resurfacing, grading 16.43 miles under separate contract, and painting 64 bridges.

Table 1 summarizes the mileage of highway improvements completed annually by the State and by local governments working under State supervision while the status of each interstate route at the end of 1963 is given in Table 2.

Detailed information concerning the location of the individual projects, the name of the contractor, and a brief description of the work is given in Table 24 of Section VI.

SUMMARY

TABLE 1.—PAVEMENT MILEAGE CONSTRUCTED BY THE STATE AND BY THE COUNTIES, CITIES, AND TOWNSHIPS UNDER STATE SUPERVISION

Year	State Construction			County Construction	City MFT Work	Total State, County, and City Work	Township Work ⁴
	Federal-aid Interstate ¹	Primary	Secondary ²				
1914				53.58		53.58	
1915				100.27		100.27	
1916				135.41		135.41	
1917				184.38		184.38	
1918		6.77		93.36		100.13	
1919		152.54		102.06		254.60	
1920		270.60		94.92		365.52	
1921		285.62		128.32		413.94	
1922		546.95		194.15		741.10	
1923		858.31		226.71		1,085.02	
1924		1,018.21		211.27		1,229.48	
1925		786.86		119.54		906.40	
1926		361.79		101.95		463.74	
1927		522.98		145.46		668.44	
1928		1,075.27		229.48		1,304.75	
1929		629.51		126.11		755.62	
1930		790.22		291.17		1,081.39	
1931		759.87		663.67		1,423.54	
1932		726.86		818.57		1,545.43	
1933		730.55	10.97	513.10		1,254.62	
1934		287.91	275.10	397.53	90.55	1,051.09	
1935		287.35	176.75	399.00	136.94	1,000.04	
1936		154.69	230.01	752.69	228.53	1,365.92	
1937		284.63	131.26	649.00	299.69	1,364.58	
1938		392.91	228.03	780.92	263.42	1,665.28	
1939		309.96	163.68	726.43	293.20	1,493.27	
1940		268.55	131.31	677.74	276.13	1,353.73	
1941		295.04	102.12	740.50	251.36	1,389.02	
1942		300.31	³ 131.35	443.53	147.26	1,022.45	
1943		315.67	³ 127.70	320.34	87.31	851.02	
1944		380.38	³ 175.85	257.41	98.62	912.26	
1945		224.62	³ 56.02	204.74	71.12	556.50	
1946		250.37	87.46	222.10	100.33	660.26	8,176.94
1947		³ 311.32	159.51	293.88	133.96	898.67	8,504.41
1948		³ 324.14	487.38	270.40	136.77	1,218.69	6,419.33
1949		³ 434.13	298.41	353.79	181.58	1,267.91	7,047.57
1950		³ 295.70	164.73	354.40	160.48	975.31	
1951		³ 756.97	150.92	343.94	166.70	1,418.53	
1952		³ 1,441.27	460.47	438.28	200.31	2,540.33	642.70
1953		³ 872.12	562.19	323.34	230.61	1,988.26	1,666.29
1954		³ 741.82	343.49	267.73	204.23	1,557.27	1,809.58
1955		³ 371.86	535.69	331.65	301.34	1,540.54	2,018.60
1956		³ 560.61	491.05	334.19	258.78	1,644.63	1,646.61
1957		³ 510.96	524.93	273.17	213.67	1,522.73	1,753.53
1958	37.37	³ 1,035.49	588.33	238.95	244.26	2,144.40	1,612.23
1959	40.77	³ 648.20	672.36	346.09	208.17	1,915.59	1,563.98
1960	95.19	³ 611.55	545.15	291.76	224.96	1,768.61	1,451.23
1961	45.94	³ 571.20	457.84	255.12	196.84	1,526.94	1,301.17
1962	73.71	³ 639.83	484.14	271.46	226.49	1,695.63	1,106.77
1963	86.34	³ 616.65	428.64	212.43	258.97	1,603.03	963.06
Totals	379.32	24,019.12	9,382.84	16,305.99	5,892.58	455,979.85	47,684.00

1 Previous to 1958, interstate work was included in the column showing primary mileage.

2 Includes surfacing constructed with State and Federal funds on State-aid or Federal-aid secondary routes, access roads not on the State system, and mileage built in State parks, State institutions, etc.

3 Includes access roads not on the State system.

4 Oiled earth, and grading not included.

5 Includes full-width portland cement concrete base course and widening of existing portland cement concrete pavement prior to surfacing with bituminous concrete. Mileage of base course and widening (most of which has been surfaced with bituminous concrete) was as follows: 1947—5.77 miles; 1948—6.86 miles; 1949—40.35 miles; 1950—73.29 miles; 1951—284.24 miles; 1952—551.15 miles; 1953—294.97 miles; 1954—252.05 miles; 1955—81.51 miles; 1956—117.84 miles; 1957—105.35 miles; 1958—174.40 miles; 1959—94.78 miles; 1960—81.04 miles; 1961—60.03 miles; 1962—70.69 miles; 1963—47.07 miles.

6 The figures for 1946 through 1952 are the mileages approved for construction and those for 1953 through 1963 are the mileages actually constructed.

SUMMARY

TABLE 2.—STATUS OF WORK ON INTERSTATE ROUTES IN ILLINOIS AT
DECEMBER 31, 1963.1

FAI Route	Miles Opened to Traffic		Miles Under Construc- tion	Status of Remaining Mileage			Total Miles
	Free ²	Toll		Right-of- way Being Acquired	Plans Being Prepared	Location Under Study	
55-----	209.5		19.4	13.0		29.7	271.6
57-----	58.3		41.6	92.8	141.4	19.5	353.6
64-----				9.4	16.5	97.2	123.1
70-----	56.3		1.0	30.9	22.7	48.8	159.7
74-----	59.2	0.5	27.7	53.7	37.6	35.0	213.7
80-----	96.7	4.7	24.1	36.8	0.9		163.2
90-----	36.1	65.9			12.8		114.8
94-----	30.3	35.9					66.2
255-----	2.3				4.9	12.4	19.6
270-----	3.3		5.9	5.9			15.1
280-----	3.0			5.2			8.2
294-----		48.1					48.1
474-----				6.1	7.8	0.6	14.5
494-----						9.8	9.8
Total-----	555.0	155.1	119.7	253.8	244.6	253.0	1,581.2

1 Interstate 24 for 38.2 miles in Illinois from south of Marion to near Metropolis had not been approved by the Federal Bureau of Public Roads at December 31, 1963 and therefore was not included in this table.

2 The 555.0 miles of free interstate highways opened to traffic includes 404.3 miles completed to full interstate standards and 150.7 miles in use but on which additional work is necessary.

6. MAINTENANCE.—A summary of the mileage and cost of State highway maintenance and operation for 1963 follows:

System	Mileage Maintained		Maintenance and Operation Costs	
	At Dec. 31, 1963	Weighted Average Mileage	Total	Per Mile
Direct Maintenance				
Interstate-----	494.54	462.11	\$ 2,013,850.42	\$ 4,357.95
Regular-----	14,315.63	14,295.09	37,928,521.77	2,653.26
Expressway-----	90.75	90.75	4,569,863.14	50,356.62
Subtotal-----	14,900.92	14,847.95	\$44,512,235.33	\$ 2,997.87
Municipal Street Maintenance-----	771.03	771.03	625,989.09	811.77
Total-----	15,671.95	15,618.98	\$45,138,224.42	\$ 2,889.96

The cost per mile is calculated by using the weighted average mileage maintained during the year. Additional statistics concerning maintenance can be found in Section VIII of this report.

7. FINANCING.—A summary of the revenues and disbursements of the Division of Highways is shown in Table 3. In comparing the revenues and funds expended by the Division in 1963 with those of the previous years, much similarity is apparent. The 1963 revenues available to the Division were \$2,649,714.53 less than those for 1962 while expenditures were \$27,657,925.67 higher, resulting in a decrease in balance in the State highway funds to \$23,369,398.20 at December 31, 1963. At the same date commitments of the Division of Highways and liability for contracts in force to be paid by this balance and future revenue amounted to \$174,754,803.02.

Retirements of the original issues of State highway bonds, the last of which had retired in 1959, amounted to \$5,000 leaving \$25,000 not submitted for payment at the end of the year.

SUMMARY

TABLE 3.—SUMMARY OF THE REVENUES AVAILABLE TO AND EXPENDITURES BY THE ILLINOIS DIVISION OF HIGHWAYS DURING 1963.¹

AMOUNTS AVAILABLE			
ROAD FUND REVENUES:			
Motor license and operators' license fee receipts....	\$ 110,081,741.53		
Less Administration and collection costs.....	12,134,769.13	\$	97,946,972.40
Motor fuel tax deposited in Road Fund.....			54,162,002.78
Counties' contribution to Federal-aid secondary projects.....			4,350,449.42
Miscellaneous collections and refunds			5,162,081.95
Federal aids and grants			163,360,224.89
Fines and penalties			625,735.18
Subtotal		\$	325,607,466.62
Less Amount paid other State Departments..... ²			14,509,379.83
		\$	311,098,086.79
MOTOR FUEL TAX REVENUES:			
Gross receipts from motor fuel tax.....	\$ 171,436,516.70		
Less Refunds on nontaxable motor fuel	\$ 13,886,830.04		
Dept. of Revenue administration expense	405,683.58		
Allotted to down-State counties (Net)	18,572,661.12		
Allotted Cook County (Net) ..	17,024,939.36		
Allotted to municipalities (Net)	49,527,096.26		
Allotted to townships and road districts	15,477,217.59		
Grade Crossing Protection Fund	600,000.00		
State Boating Act Fund.....	210,000.00		
Motor fuel tax deposited in Road Fund	54,162,002.78	169,866,430.73	1,570,085.97
Total net revenue all funds.....		\$	312,668,172.76
BALANCE ON HAND JANUARY 1, 1963.....			38,038,027.90
Total		\$	350,706,200.66

AMOUNTS SPENT			
DIRECT EXPENDITURES BY DIVISION OF HIGHWAYS FOR:			
Construction	\$ 242,960,794.34		
Maintenance	47,910,624.95		
Administration and engineering	³ 28,244,365.12		
Miscellaneous	⁴ 5,215,956.72	\$	324,331,741.13
DEBT SERVICE \$100,000,000 HIGHWAY BONDS:			
Principal			5,000.00
Total expenditures by Division of Highways		\$	324,336,741.13
ADVANCED TO COUNTIES AND MUNICIPALITIES TO AID STATE CONSTRUCTION..... ⁵			3,000,061.33
Total expenditures (and loans) by Division of Highways		\$	327,336,802.46
BALANCE ON HAND DECEMBER 31, 1963.....			23,369,398.20
Total		\$	350,706,200.66

¹ This tabulation does not contain the financial transactions of the State Garage Revolving Fund. The balances, revenues, and expenditures for this Fund is given in Table 13.

² Includes: Court of Claims Awards..... \$ 115,797.00
Operation of the Illinois State Toll Highway Commission.. 151,548.26
Employees compensation 272,596.90 | | || Treatment expense for injured employees | 132,135.11 | | |
Policing of highways	12,693,797.74		
Architectural services	218,963.34		
Secretary of State			
Safety Responsibility Dept.	\$ 255,177.65		
Land and office building—			
Cook County	33,146.75		
Administration of Motor Vehicle Law	43,970.81		
Addition to Centennial Building, Springfield	592,246.27		924,541.48
Total	\$	14,509,379.83	

³ Includes \$26,498,556.46 for administration and engineering and \$1,745,808.66 for highway buildings.

⁴ Contains: Administration of MFT Law \$ 1,561,827.23 | | || Statewide highway planning survey.. | 3,253,700.79 | | |
| Administration of safety responsibility law | 400,428.70 | | |
| Total | \$ | 5,215,956.72 | |

⁵ These expenditures financed the counties' and cities' share of State construction which will be repaid to the State.

SUMMARY

The \$245 million expressway bond issue is also being retired by State highway funds. Series J in the amount of \$20 million was sold late in 1963 which completed the sale of these bonds. During 1963, \$21,471,008.41 was paid from State highway funds to the Cook County Expressway Bond and Interest Sinking Fund for service of expressway bonds. By the end of 1963 retirements had been made in the amount of \$65 million leaving \$180 million principal outstanding for retirement in future years.

Section III, Financing of this report contains a detailed account of the financial transactions of the Division of Highways with a comparison of the revenues and expenditures of 1963 with those of the previous year.

8. LOCAL ROADS AND STREETS.—Tables 4, 5, and 6 give the amount of motor fuel tax allotted to counties, municipalities, and townships during 1963 and the amount withdrawn by local governments for construction and maintenance of roads and streets under their jurisdiction.

Using State allocations of motor fuel tax funds and working under State supervision the counties completed 210.69 miles of road surfacing, graded 1.75 miles under separate contract, and constructed 17 bridges exclusive of work on expressways in Cook County. The municipalities surfaced 258.97 miles of streets, graded 0.54 mile under separate contract, and built 11 bridges, while townships and road districts surfaced 963.06 miles, oiled 81.68 miles, and built 40 bridges.

TABLE 4.—MOTOR FUEL TAX AVAILABLE TO AND WITHDRAWN BY THE COUNTIES OF ILLINOIS DURING 1963.

AMOUNTS AVAILABLE			
BALANCES JANUARY 1, 1963:			
Cook County, MFT Fund.....	\$ 18,883,353.64		
Down-State Counties, MFT Fund.. 1	12,418,939.76	\$ 31,302,293.40	
<hr/>			
Less Temporary transfer to State General Revenue Fund		5,000,000.00	
<hr/>			
BALANCE AVAILABLE FOR COUNTY USE AT JANUARY 1, 1963.....		\$ 26,302,293.40	
ALLOTMENTS-MFT TO COUNTIES IN 1963:			
Cook County	\$ 17,024,939.36		
Down-State Counties	18,572,661.12	35,597,600.48	
<hr/>			
Total motor fuel tax funds available in 1963.....		\$ 61,899,893.88	
<hr/>			
AMOUNTS WITHDRAWN			
Purpose	Cook County	Motor Fuel Tax Withdrawn	
		Down-State ¹	Total
		Counties	
Construction	\$ 5,867,000.54	\$ 5,808,036.47	\$ 11,675,037.01
Right-of-way	428,245.77	739,410.02	1,167,655.79
Engineering	920,287.20	1,168,961.53	2,089,248.73
FAS matching	589,420.54	1,650,364.90	2,239,785.44
Maintenance		7,970,241.35	7,970,241.35
Debt retirement	3,939,806.07	153,850.00	4,093,656.07
Miscellaneous	39,810.72	925,187.44	964,998.16
<hr/>			
Totals	\$ 11,784,570.84	\$ 18,416,051.71	\$ 30,200,622.55
Add Credit Adjustment.....			12,843.02
<hr/>			
			\$ 30,213,465.57
<hr/>			
BALANCES, DECEMBER 31, 1963:			
Cook County	\$ 24,123,722.16		
Down-State Counties	2 12,562,706.15	\$ 36,686,428.31	
<hr/>			
Less Temporary transfer to State General Revenue Fund		5,000,000.00	
<hr/>			
BALANCE AVAILABLE FOR COUNTY USE AT DECEMBER 31, 1963.....		\$ 31,686,428.31	
<hr/>			
Total		\$ 61,899,893.88	
<hr/>			

¹ Down-State Counties refers to all counties excepting Cook County.

² Includes redeposits of \$39,056.32 in County Motor Fuel Tax Fund of warrants issued in error.

SUMMARY

TABLE 5.—MOTOR FUEL TAX AVAILABLE TO AND WITHDRAWN BY THE MUNICIPALITIES OF ILLINOIS DURING 1963.

AMOUNTS AVAILABLE	
BALANCE, JANUARY 1, 1963:	
Municipalities, MFT Fund	\$ 45,409,395.99
Less Temporary transfers to State General Revenue Fund	9,500,000.00
BALANCE AVAILABLE FOR MUNICIPAL USE AT JANUARY 1, 1963	\$ 35,909,395.99
ALLOTMENT-MFT TO MUNICIPALITIES IN 1963	49,527,096.26
Total motor fuel tax funds available in 1963	\$ 85,436,492.25

AMOUNTS WITHDRAWN	
Purpose	
Construction	\$ 20,283,670.73
Right-of-way	4,252,375.11
Engineering	2,758,346.27
Maintenance	18,590,246.71
Municipal indebtedness	5,222,229.53
Treasurer's fees and miscellaneous	31,778.65
Total motor fuel tax funds withdrawn	\$ 51,138,647.00
BALANCE, DECEMBER 31, 1963:	
Municipalities, MFT Fund	\$ 43,797,845.25
Less Temporary transfers to State General Revenue Fund	9,500,000.00
BALANCE AVAILABLE FOR MUNICIPAL USE AT DECEMBER 31, 1963	1 34,297,845.25
Total	\$ 85,436,492.25

1 Includes redeposits of \$130,747.50 in Chicago Motor Fuel Tax Fund of warrants issued in error.

TABLE 6.—MOTOR FUEL TAX AVAILABLE TO AND WITHDRAWN BY THE COUNTIES OF ILLINOIS FOR TOWNSHIP AND ROAD DISTRICT ROADS DURING 1963.

AMOUNTS AVAILABLE	
BALANCE, JANUARY 1, 1963:	
Township, MFT Fund	\$ 16,992,218.41
Less Temporary transfer to State General Revenue Fund	2,500,000.00
BALANCE AVAILABLE FOR TOWNSHIP USE AT JANUARY 1, 1963.....	\$ 14,492,218.41
ALLOTMENTS-MFT FUNDS TO TOWNSHIP IN 1963.....	15,477,217.59
Total motor fuel tax funds available in 1963	\$ 29,969,436.00

AMOUNTS WITHDRAWN	
Purpose	
Construction	\$ 7,149,348.53
Right-of-way	49,347.68
Engineering	735,978.52
Maintenance	6,958,098.97
Township indebtedness	52,297.40
Miscellaneous	3,541.87
Total motor fuel tax funds withdrawn	\$ 14,948,612.97
BALANCE, DECEMBER 31, 1963:	
Township, MFT Fund	\$ 17,520,823.03
Less Temporary transfer to State General Revenue Fund	2,500,000.00
BALANCE AVAILABLE FOR TOWNSHIP USE AT DECEMBER 31, 1963.....	15,020,823.03
Total	\$ 29,969,436.00

In Section XIII, Local Roads and Streets of this report, tables show the Federal-aid secondary funds available and programed for each county and the work completed with these funds. Tables are also included to show the amount of motor fuel tax allotted each local government and the work accomplished with these funds.

DIVISION OF HIGHWAYS

EMPLOYEES

WHO HAVE SERVED

25 YEARS OR MORE

Lauretta B. Abrell	Lloyd J. Elfine	William D. MacLeod	Frank R. Runyen
Edwin R. Ailes	Albert B. Elliott	Marianna Madden	Harold E. Sanders
Charles W. Albrecht	Clarence W. Engel	Paul J. Malay	William A. Sausaman
Harry J. Alton	Vincent F. Esposito	Joseph S. Malecki	Charles G. Saville
Carroll K. Bair	Robert E. Ferguson	Charles B. March	Isaac C. Sawyer
Joseph A. Bangiolo	Addie O. French	W. M. Marshall	Henry O. Scheer
Robert H. Bennett	Josephine O. Frey	Fred C. Mason	Louis Schlaefli
Helen L. Berry	Robert N. Gamble	Cyril P. Mathy	Harold J. Schwaab
Walter R. Berry	Harold B. Gegal	John W. McCarty	Robert E. Scribner
Fremont H. Blandin	Katherine V. Glynn	Allen J. McClintick	Ralph W. Seabright
George A. Blauvelt	Robert B. Gove	Walton A. McCree	Norman A. Severson
Irwin C. Bliss	Harry P. Graham	John L. McCumber	George H. Shanahan
George M. Bohlig	Wilfred E. Gronberg	William T. McCune	Richings J. Shand, Jr.
William J. Bolling	Ray P. Hamilton	Gordon S. McDonald	J. R. Shelburne
Frank W. Boriske	Helen M. Hanselman	Eileen R. McFall	Everett L. Sherertz
B. M. Borrud	Frank W. Hansford	Mildred McLaughlin	Harold I. Shively
Arthur O. Braming	Aurelius B. Harris	Charles B. McNelly	Elsie Slightom
Herbert L. Brantley	Hugo A. Harold	Allen D. McReynolds	Ardis Smith
James R. Branton	Christian L. Heuer	Andrew W. Meloan	Terry P. Smith, Jr
Frank P. Brock	Paul Hieber	Merton M. Memler	William N. Sommer
Elmer Bronke	Corrie A. Hightower	Joseph L. Miller	Henry G. Spoerl
Kenneth L. Brown	Harvey T. Hoffman	Josephine Miller	Lawrence Spooner
Harold G. Buchanan	Dolph Hoke	John P. Mills	Lloyd A. Springer
C. N. Bullard	Carl E. Holtman	Fred W. Moore	Arthur R. Steese
Lena Bundy	Vance E. Hopper	Mary Hallene Moore	Viola L. Suhr
Louis J. Burg	Jerome Hurwitz	Theodore F. Morf	Theodore S. Swaback
James L. Burnett	A. Noel Jamison	Bert Moskowitz	Mary Taposik
Cyril V. Burns	Kenneth A. Johnsen	John C. Mulgrew	Julian A. Taylor
Henry C. Buser	John R. Johnson	Russell J. Newell	Noel F. Thomas
Genevieve Cain	Robert W. Johnson	Claude R. Nicholson	Kenneth E. Tripp
James L. Calhoun	Charles N. Jones	Gordon J. Nicholson	Mary E. Troy
Barnett Campbell	Charles W. Jones	Thomas H. F. Norris	Clarence C. Uhl
Earl W. Carter	George B. Jones	Vivian E. O'Donnell	Archie Urdangen
Cecil E. Chenoweth	John G. Keller	John A. Olson	Archie V. Van Ausdall
George W. Chenoweth	Edmund J. Kern	Theodore Olson	Leo L. Vogt
Paul E. Cogan	Warren L. Kessler	Harold L. Owen	Charles J. Vranek
Leland J. Colvin	Arthur P. Kettenhofen	John D. Owen	William M. Waller
T. Warren Connole	Louis H. Kinsella	William H. Page	R. B. Walters
Joseph B. Conroy	Fred Kirchner	Frank Papineau	Ruth Ward
Hazel M. Constant	Arthur G. Kistler	Melvin S. Parsons	Theodore V. Watrous
Dallas M. Costello	Angela Kortenber	S. Emmons Patterson	Okla. Genevieve Welle
Arthur S. Crom	William S. Krause	Walter C. Peterman	Joseph P. Welsch
Thomas O. Cromeenes	Frederick T. Krueger	Marie Poppe	George Wildeson
Edgar M. Crump	Milton R. Lawrence	Stona N. Powell	Louise M. Wildi
Nathaniel B. Curran	Lloyd E. Leka	Neil F. Pruitt	Carl H. Wiley
John J. Cychol	Ralph T. Leslie	Wesley C. Pruitt	Robert D. Wiley
Earl K. Damotte	Marian Lindsay	Charles N. A. Richards	Edward M. Willems
John R. Danzer	Abe B. Litvien	T. V. Richardson	Arthur D. Williams
Nina Anna Denes	Chris Locker	Joseph J. Rimsay	Irwin E. Winje
Henry E. Diers	William H. Lockhart	H. Harold Roberts	Stanley Winn
Lawrence E. Dodge	Murrel E. Loffland	Harold W. Roebuck	Wilmer H. Woelfer
Harold K. Dolbow	Eddy Lund	Ethel D. Ronan	Glenn Younkin
Joy W. Dull	J. Rolland Lyons	Ben C. Rosenberg	Gerald H. Zimmerman
Raymond E. Dunnington	Lucille F. Mackay	Ellis G. Ross, Jr.	Waldemar H. Zumstein
Fred A. Dykins	William J. Mackay		

Figure 3.

II. LEGISLATION

1. GENERAL.—The Seventy-third General Assembly meeting in 1963 enacted 1,615 bills of which the Governor approved 1,375, approved in part 8, and vetoed 232. Table 7 lists the bills pertaining to highways and highway administration. Some of these are discussed in greater detail in the following pages.

2. REGULATION OF MOTOR VEHICLES.—*Senate Bill 15* requires that all new passenger cars manufactured or assembled after June 30, 1964 be equipped with safety belts for the front seat. Specifications for such seat belts shall be established by the Department of Public Safety and shall not be lower in standard than the specifications of the Society of Automotive Engineers in effect on the date of this Act.

Senate Bill 356 creates a Driver License Compact to cooperate with the policy of other states who are party to the compact in promoting compliance with the laws, ordinances and administrative rules, and regulations relating to the operation of motor vehicles in each of the jurisdictions where such motor vehicles are driven, and to make the reciprocal recognition of licenses to drive and eligibility more just and equitable by considering the overall compliance with motor vehicle laws.

Senate Bill 429 provides that fines paid for violating motor vehicle wheel and axle loads and gross weight limits shall be paid to the Department of Public Safety which shall then remit the amount of the fines and penalties so received to the State Treasurer for deposit in the Road Fund.

Senate Bill 499 permits the owner of a vehicle of the second division the option to pay flat weight tax in two equal semi-annual installments, due January 1 and July 1. The owner electing to pay tax in this manner shall be required to file a surety bond or certificate of deposit in the amount of the second installment. Such bond shall be approved by the Secretary of State and with a surety company approved by the Department of Insurance.

Senate Bill 501 permits truck operators to shift an axle load when it is 1,000 pounds or less over legal limits, providing the gross weight of the vehicle and load is within legal limits. In such a case no arrest ticket shall be issued to the owner or operator of the vehicle.

Senate Bill 751 adopts the Vehicle Equipment Safety Compact to cooperate with the policy of other states who are party to the compact to achieve uniformity in the laws, rules, regulations, and codes relating to vehicle equipment, and to accomplish this by such means as will minimize the time between the development of scientifically sound safety features and their incorporation into vehicles.

Senate Bill 815 provides that whenever the Governor's Official Traffic Safety Coordinating Committee, pursuant to the Vehicle Equipment Safety Compact, determines that the presence or absence

TABLE 7.—BILLS PERTAINING TO HIGHWAYS AND HIGHWAY ADMINISTRATION
ENACTED BY THE SEVENTY-THIRD GENERAL ASSEMBLY—1963.¹

Enacted as	Citation			Type of Act	Effect of Bill ²
	Laws of Illinois 1963 Page	Illinois Revised Statutes 1963			
		Chapter	Paragraph		
HB 597 SB 18*	2413 861	19 24	182.5 11-81-2	Amending: Canals and Waterways Cities and Villages	Permits the Waukegan Port District to construct and maintain roads to terminal and port facilities. Allows cities, villages, and incorporated towns to levy a .06% tax for street and bridge purposes; they may levy an additional .04166% with city officials' approval.
SB 33	827	24	1251	Cities and Villages	Requires that all appointments to the commission to study problems of cities, villages, and incorporated towns be made for a two-year term.
SB 214 SB 549*	1937 2256	24 24	2-1-7 11-71-1, 11-71-3, & 11-71-8	Cities and Villages Cities and Villages	Eliminates the 60 day waiting period after filling the name of a proposed city or village with the Secretary of State.
HB 1597 HB 1598 HB 1606 HB 271	2425 2417 2249 2099	24 24 24 29	9-2-9 & 9-2-10 9-2-48 & 9-2-51 2-2-5 & 2-3-5 8.1, 8.2, & 8.3	Cities and Villages Cities and Villages Cities and Villages Contracts	Permits any municipality to acquire and operate motor vehicle parking facilities constructed on, above and/or below ground level, and public off-street parking. Specifies certain provisions concerning specifications for proposed local improvements. Specifies when the first interest payment on installments on local improvement assessments is due. States certain conditions that must be met in order for an area to be incorporated as a city. Creates a Uniform Vendor and Purchaser Risk Act to specify who shall be responsible for damaged real estate when a title is or is not transferred.
HB 641 HB 798	2969 2735	34 34	2011 et seq. 303	Counties Counties	Provides for an annual audit of all county funds in counties over 10,000, other than Cook County. Authorizes counties to hold real estate for motor vehicle parking facilities for persons using county buildings, but not for revenue producing purposes.
HB 1253	2980	34	3055	Counties	Provides that six of the eight commissioners appointed by the Governor to the Northeastern Illinois Metropolitan Area Planning Commission shall be residents of incorporated areas.
SB 642*	2127	48	398-9	Employment	Provides that each public body shall publicly post the prevailing rate of wages each June.
SB 997	1953	48	138.1	Employment	Enlarges the definition of "employee" as used in the Workmen's Compensation Act.
HB 137	2758	48	852 & 858	Employment	Includes under the term "employer" the State of Illinois and any political subdivision.
HB 909	1951	48	398-2	Employment	Exempts work done directly by any public utility company from the Act which regulates wages of workmen employed in any public works.
SB 1024	1486	48½	33 & 34	Engineers and Engineering	Includes the supervision of plans, designs, and specifications in the construction of works as a part of the practice of professional engineering.
HB 336	3515	48½	32.1, 32.2, & 44	Engineers and Engineering	Provides that any corporation may organize for the purpose of practicing professional engineering with certain requirements stated.
SB 769	3094	53	30	Fees and Salaries	Provides that the three population classes of counties in this State shall use population data based on the most recent Federal Census rather than the 1900 Federal Census.
SB 360	1029	73	755a	Insurance	Requires all companies issuing automobile policies to offer uninsured motorist liability coverage.
SB 176	1140	82	23	Liens	Revises the law in relation to mechanics liens to define the words "State" and "directors."
SB 15*	1093	95½	217.1 & 217a	Motor Vehicles	Requires new passenger cars manufactured after June 30, 1964 to be equipped with two sets of seat safety belts for the front seat.
SB 135	909	95½	3-801.7	Motor Vehicles	Provides that vehicles registered as school buses shall be used exclusively for school purposes.
SB 234	3172	95½	196.1	Motor Vehicles	Enumerates certain driver and equipment requirements concerning school buses.
SB 277	1323	95½	196 & 210a	Motor Vehicles	Enumerates certain driver and equipment requirements concerning school buses.

SB	356*	3161	95½	501 et seq.	Motor Vehicles	Creates the Driver License Compact to cooperate with the policy of other states who are party to the Compact to promote compliance with motor vehicle laws.
SB	357	3166	95½	1-101, 1-112.1, 6-102, 6-103, 6-202, 6-203, 6-205, & 6-206	Motor Vehicles	
SB	413	1035	95½	233	Motor Vehicles	Makes certain sections of the Motor Vehicle Law subject to the Driver License Compact.
SB	429*	1534	95½	235	Motor Vehicles	Provides that the States Attorney of the county in which a traffic violation occurs shall prosecute the violator.
SB	499*	907	95½	3-801.3	Motor Vehicles	Provides that fines paid for violating motor vehicle wheel and axle loads and axle weight limits shall be paid to the Department of Public Safety for deposit in the Road Fund.
SB	500	1143	95½	3-409	Motor Vehicles	Permits the owner of a vehicle of the second division the option to pay flat weight tax in two equal semiannual installments.
SB	501*	1142	95½	229	Motor Vehicles	Eliminates the requirement of carrying registration cards for pole trailers and semitrailers.
SB	644	3351	95½	3-801	Motor Vehicles	Permits the operator of a second division vehicle to shift axle load when it is 1,000 pounds or less over legal limits, providing the gross weight of the vehicle and load is within legal limits.
SB	645	3352	95½	3-801.1	Motor Vehicles	Amends the Motor Vehicle Law to resection certain sections.
SB	751*	3176	95½	551 et seq.	Motor Vehicles	Amends the Motor Vehicle Law to resection certain sections.
SB	768	3408	95½	282.22	Motor Vehicles	Adopts the Vehicle Equipment Safety Compact to cooperate with other states in achieving uniformity in matters relating to vehicle safety equipment.
SB	815*	3184	95½	199	Motor Vehicles	Increases the fee for a certificate to operate as a common carrier or for a permit to operate as a contract carrier from \$25 to \$50.
SB	818	3175	95½	157	Motor Vehicles	Specifies actions the Governor's Traffic Safety Committee may take concerning the use of vehicle safety equipment.
SB	880	2010	95½	120 & 150	Motor Vehicles	Clarifies certain provisions to correspond with the National Uniform Vehicle Code.
SB	881	2016	95½	239.4 & 239.5	Motor Vehicles	Exempts ambulances from certain requirements concerning stop signs and speed limits.
SB	1062*	2773	95½	3-411 & 3-801.3a	Motor Vehicles	Specifies certain traffic conditions which ambulances must comply with when on emergency calls.
SB	1063*	2780	95½	228	Motor Vehicles	Provides that any owner of a second division vehicle may register auxiliary axles and shall be required to pay a flat weight tax.
SB	1064	2775	95½	3-801.3	Motor Vehicles	Changes the gross weight limitations relative to axles for vehicles and combination of vehicles.
SB	1076*	3416	95½	230	Motor Vehicles	Changes certain truck registration class weights and fees.
SB	1115	3159	95½	134 et al.	Motor Vehicles	Allows a truck tractor with semitrailer drawing one trailer an additional length of 5 feet; restricted to certain highways.
HB	68	964	95½	109	Motor Vehicles	Requires all drivers involved in an automobile accident to immediately notify the nearest police authority who shall forward a written report to the Department.
HB	69*	961	95½	126	Motor Vehicles	Defines a speed-change lane as an auxiliary lane primarily for the acceleration or deceleration of vehicles entering or leaving the through traffic lanes.
HB	70	958	95½	129	Motor Vehicles	Provides that the Department shall erect and maintain direction signs upon highways in cities, towns, and villages which are under Department control.
HB	71*	962	95½	129a	Motor Vehicles	Revises traffic-control signal legends and specifies vehicular and pedestrian traffic requirements in conforming to these signals.
HB	72	962	95½	159	Motor Vehicles	Eliminates the "Wait" signal from all pedestrian control signals.
HB	74	960	95½	232	Motor Vehicles	Amends the Traffic Act to insert "several highway" in lieu of "local" authorities in referring to their respective jurisdictions regarding certain signs.
HB	188*	2995	95½	147	Motor Vehicles	Provides that any person driving any vehicle or object which exceeds legal dimensions shall be liable for damages sustained by any highway or highway structure.
HB	265	2175	95½	210	Motor Vehicles	Permits county boards to alter speed limits on county highways, township roads, and district roads, regardless of maintenance responsibility.
HB	477*	1092	95½	200 & 202	Motor Vehicles	Permits the use of flashing lights on vehicles or equipment used by engineering or survey crews while working on highways.
HB	568	1180	95½	198b	Motor Vehicles	Requires each motorcycle to have a driving light and requires driving lights on any vehicle to be on when parking lights are on when the vehicle is in motion.
HB	569	1091	95½	220.13	Motor Vehicles	Establishes hours of service in which an operator of a motor vehicle of the second division may operate such vehicle or be on duty, with certain exceptions.
HB	570	1090	95½	282.3	Motor Vehicles	Requires interstate carriers to carry certain types of warning flags, flares, and similar devices on vehicles of the second division.
HB	571	3412	95½	282.22	Motor Vehicles	Applies the provisions of the Illinois Motor Carrier of Property Act to all persons who are hired for transportation of property.
HB	639	3173	95½	218b	Motor Vehicles	Requires applicants who apply for a certificate to operate as a common carrier or permit to operate as a contract carrier to pay certain designated fees with exceptions.
HB	640	3410	95½	282.15b	Motor Vehicles	Exempts a truck tractor from splash guard requirements and increases distance of the splash guards from the ground.
						Prescribes what the extension of credit to shippers by common carriers include and the conditions to be met and procedures to be followed when presenting freight bills for payment.

TABLE 7.—Continued.

Enacted as	Citation			Type of Act	Effect of Bill ²
	Laws of Illinois 1963 Page	Illinois Revised Statutes 1963			
		Chapter	Paragraph		
HB 737*	2017	95½	204a	Motor Vehicles	Requires bicycles to be equipped with a white, yellow, or amber light to the front and a red light to the back and exhibited from sunset to sunrise.
HB 757	2598	95½	320-1	Motor Vehicles	Specifies what the expenses of the State Boating Act Fund are to cover.
HB 785	2019	95½	7-211	Motor Vehicles	Eliminates the \$25 fee in connection with proof of financial responsibility suspensions.
HB 975*	2131	95½	282.3	Motor Vehicles	Exempts motor vehicles used exclusively for the towing or pushing of disabled or damaged vehicles from provisions of the Motor Carrier of Property Act.
HB 1062	3463	95½	3-808.1 & 3-808.2	Motor Vehicles	Prescribes the procedure that shall be taken to enforce a lien of the State on vehicles operated without proper registration and/or licensing.
HB 1154*	2020	95½	146	Motor Vehicles	Prescribes what the speed limits are for a vehicle of the first division towing another vehicle.
HB 1332	2578	95½	3-114	Motor Vehicles	Requires a lienholder who holds a recently purchased vehicle for resale to secure a new certificate of title which he shall transfer when selling such vehicle to another person.
HB 1333	2580	95½	6-124, 6-206, 6-301, 6-303, & 6-401	Motor Vehicles	
HB 1390	2579	95½	188a	Motor Vehicles	Allows the Secretary of State six months to suspend the license or permit after a conviction of an unlawful operator involved in a traffic accident resulting in death or injury; includes certain fee changes.
HB 1476*	2994	95½	3-801.9	Motor Vehicles	Requires persons leasing cars to, after notice of a traffic violation and upon request, to provide police officers and the jurisdictional court certain information.
HB 1590	3458	95½	6-112 et seq.	Motor Vehicles	Changes the registration fee for vehicles used exclusively for transporting permanently mounted equipment.
HB 1289	1724	105	482a & 482c	Motor Vehicles	Revises the rules and regulations pertaining to driver training schools and instructors.
HB 1538	3464	105	467 et seq., 465a, 466a et seq.	Parks	Authorizes the Department of Conservation to accept Sinitissippi lakelands from the United States.
SB 72*	161	108½	1-101 et seq.	Pensions	Provides that the Department of Conservation shall have management of all nature preserves.
HB 962	2337	108½	7-109 et al.	Pensions	Revises and codifies pension and related laws and creates the Illinois Public Employees' Pension Laws Commission to make a continuing study of such laws.
HB 1030*	2370	108½	14-197	Pensions	Prescribes certain provisions for computing the final rate of earnings for pensions and makes other changes in other types of pension or disability benefit programs.
HB 1036	2190	108½	14-138	Pensions	Allows persons receiving pension or disability benefits to authorize withholding for premium payments on any type of group insurance authorized by this State.
HB 1329	2371	108½	14-156, 14-158, 14-166, & 14-167	Pensions	Provides that any employee in service who executed a waiver of membership may prior to January 1, 1964, file a recission of his waiver.
HB 198	2191	111 2/3	10.3	Pensions	Provides that a widow or beneficiary qualified to receive more than one annuity shall receive only the larger of such annuities.
SB 444	735	120	441	Public Utilities	Excludes from the Act any public utility which provides transportation for persons by motor bus when there is a contract with a political subdivision or municipal corporation of this State.
SB 445	736	120	439.102	Revenue	Exempts from taxation the proceeds of selling tangible personal property to any governmental body.
SB 446	738	120	439.32	Revenue	Exempts from taxation any sale or transfer of tangible personal property incident to the rendering of service for or by any governmental body.
SB 447	741	120	439.3	Revenue	Exempts from taxation any sale or transfer of tangible personal property incident to the rendering of service for or by any governmental body.
SB 772	1557	120	417 et al.	Revenue	Defines "special fuel" and brings certain sections under the MFT law.

HB	756*	2599	120	417.3, 418, 424, 429, & 433	Revenue	Includes in the definition of "Motor Vehicles" watercraft propelled by an internal combustion engine and requires such vehicle to pay the 5c State gas tax. Transfers \$42,000 each month from the MFT Fund to the State Boating Act Fund.
HB	1264	1737	120	429 & 432a	Revenue	Designates who shall have power to review all final administrative decisions made by the Department of Revenue.
HB	1291	1591	120	508a & 524	Revenue	Provides that owners of real property on January 1 and owners of personal property on April 1 in any year shall be liable for the taxes of that year, with certain exceptions.
SB	175*	1145	121	314a34	Roads and Bridges	Provides that the Toll Highway Commission may lease the right-of-way over any toll highway, with certain exceptions.
SB	314	749	121	6-207	Roads and Bridges	Provides that unless an annual salary is fixed for the highway commissioner in certain road districts, he shall receive a per diem. Pay rates are specified.
SB	783	2797	121	5-201	Roads and Bridges	Provides that each candidate for County Superintendent of Highways in counties over 25,000 population shall hold a currently valid certificate of registration as a professional engineer.
SB	819*	3216	121	6-303, 6-305, 6-306, 6-311, 6-312, 6-315a, & 6-319	Roads and Bridges	Revises the law relating to the laying out, widening, altering, or vacating of a public road.
SB	944*	2796	121	5-409	Roads and Bridges	Provides for certain provisions for payment of completed county highway work.
SB	1009	2046	121	6-201.8	Roads and Bridges	Changes references from Public Aid Commission to the Department of Public Aid and from relief to public assistance.
SB	1031	3030	121	6-205	Roads and Bridges	Provides that in counties under township organization moneys ordered paid by the highway commissioner shall be audited before payment.
SB	1131*	2733	121	6-111	Roads and Bridges	Prescribes the conditions and procedures for establishing a county unit road district.
HB	50	22	121	6-207	Roads and Bridges	Permits governing boards to fix an annual salary in lieu of a per diem for the highway commissioner.
HB	63*	970	121	5-701.3	Roads and Bridges	Eliminates the requirement that motor fuel tax money can be expended for maintenance on any county highway constructed by the Department only when part or all of its construction is paid by the Federal Government.
HB	64	970	121	6-201.11	Roads and Bridges	Provides that road signs be erected and maintained at intersections of the most important roads as authorized by the Highway Code or by the Traffic Act.
HB	66*	967	121	7-202.1a	Roads and Bridges	Provides that motor fuel tax funds shall be used for the construction and maintenance of county highways in the municipality.
HB	67*	965	121	9-112	Roads and Bridges	Prohibits advertising over or above any crossing of a State highway and railroad outside municipalities except signs designating the name of the railroad and the clearance provided.
HB	134*	968	121	5-502, 5-504, & 5-603	Roads and Bridges	Permits construction or maintenance of drainage facilities and grade separations to be performed by any county, municipality, or road district.
HB	135	966	121	9-113	Roads and Bridges	Eliminates the requirement that the county board must have prior approval of the Department when constructing ditches, drains, etc., along a county highway.
HB	195	47	121	401	Roads and Bridges	Designates April 15 in each year to be observed as Good Roads Day.
HB	334*	3424	121	5-701 & 5-701.9	Roads and Bridges	Provides that any county board may use motor fuel tax money for maintaining a county garage for county or State highway equipment.
HB	563	3031	121	6-201.15 & 6-204	Roads and Bridges	Requires each road district commissioner to include in his annual reports the actual or estimated amount owing to each creditor.
HB	659	3032	121	6-501	Roads and Bridges	Requires the highway commissioner in each township road district to prepare a tentative budget and appropriation ordinance annually.
HB	799	2045	121	6-327	Roads and Bridges	Changes the widths of township and district access roads for private and public use from 3 rods or less to 50 feet or less.
HB	1086*	3473	121	10-1001	Roads and Bridges	Provides that the Department shall maintain, operate and control all covered bridges in this State.
SB	276	1326	122	29-10	Schools	Enumerates certain driver and equipment requirements concerning school buses.
SB	353*	3078	127	150	State Government	Provides that upon death of a State employee his heirs shall receive payment for any remaining accrued vacation the employee had earned.
SB	421	771	127	149	State Government	Repeals the required itemization of appropriations based on each function and activity of State agencies.
SB	866	1455	127	141, 142m, 144.14, & 152	State Government	Creates the Air Transportation Revolving Fund in the State Treasury.
SB	869*	1454	127	57b	State Government	Provides that the Department of Aeronautics may furnish air transportation to officers and employees of the offices, departments, and agencies of the State government.
SB	1094	2213	127	137 et seq.	State Government	Provides for the identification of State-owned motor vehicles and prescribes how identification markers are to be affixed on said vehicles.

TABLE 7.—Continued.

Enacted as	Citation			Type of Act	Effect of Bill ²
	Laws of Illinois 1963 Page	Illinois Revised Statutes 1963			
		Chapter	Paragraph		
SB 1161	2068	127	213.3, 213.5, 213.6, 213.7, & 213.9	State Government	Provides that all bond issues for building projects, rentals, etc., shall mature no later than 40 years from issue date and increases interest rate from 4% to 5%. Other conditions and provisions listed.
HB 284*	2208	127	5.05, 9.05, & 49.06	State Government	Requires that all plans, preliminary sketches, and estimates for public buildings to be erected for any department must be supervised by a registered architect of the Department.
HB 423	1110	127	151b	State Government	Defines "commodities" in appropriation acts to include small tools with maximum unit value of \$25 (was \$10).
HB 462	788	127	126.1	State Government	Requires the filing of a report with the Legislative Audit Commission when there is a State contract for printing and binding.
IIB 1031*	2707	127	351 et seq.	State Government	Provides for the withholding for certain purposes a portion of annuities received under the Pension Code. Changes the title of the Act to State Salary and Annuity Withholding Act.
IIB 1237	3084	127	63b,108a	State Government	Provides that "conditions of employment" be included as a factor in the position classification plan, with certain exceptions.
HB 1611	3547	127	149.1	State Government	Provides that appropriation bills containing appropriations for more than one office, department, agency, board or commission shall not be passed by the General Assembly.
SB 1032	3086	139	120	Township Organization	Provides that the board of town auditors shall audit all charges against their road districts, except for consolidated township road districts.
IIB 326	762	139	167.6	Township Organization	Provides that excess township funds may be transferred for school purposes.
HB 664	1112	139	143.1 et seq.	Township Organization	Authorizes townships to make local improvements within platted subdivision limits in the township regardless of whether the improvement is a part of the township road system.
HB 425	944	143	3b	United States	Accepts retrocession of legislative jurisdiction over land within the Fort Sheridan Military Reservation relinquished by the Government of the United States.
SB 197				Appropriation	Transfers \$400,000 within the Road Fund to commodities for State Highway Police.
SB 507*				Appropriation	Creates the Southwestern Illinois Metropolitan Area Planning Commission to develop the area within Madison and St. Clair Counties. Appropriates \$37,500 for Commission expenses.
SB 707*				Appropriation	Creates the Illinois-Mississippi Canal and Simmissippi Lake Commission for rehabilitation of the Canal for recreational purposes. Appropriates \$15,000 for Commission expenses.
SB 787*				Appropriation	Creates the Mississippi Scenic Parkway Commission for promoting and securing scenic parkways and highways. Appropriates \$12,000 for Commission expenses.
SB 803				Appropriation	Reappropriates \$450,000 from the Road Fund to the Toll Highway Commission for completing the feasibility study on extension of the East-West Tollway.
SB 823				Appropriation	Appropriates \$129,200 from the Drivers Education Fund to the Superintendent of Public Instruction for ordinary and contingent expenses of the Division of Driver Education.
SB 847				Appropriation	Appropriates \$28,900,445 from the MFT Fund of which \$28,000,000 is to pay MFT refunds and \$900,445 is for administration of the MFT Law.
SB 867				Appropriation	Provides for the temporary transfer of \$100,000 to the Air Transportation Revolving Fund.
SB 868				Appropriation	Appropriates \$276,293 from the Air Transportation Revolving Fund to the Department of Aeronautics for a program to provide air transportation for officers and agencies of the State government.
SB 875				Appropriation	Appropriates \$80,000 to the Department for improvements in and along Salt Creek in Cook County.
SB 900				Appropriation	Appropriates \$20,000 to the Motor Vehicle Laws Commission.
SB 902*				Appropriation	Creates a commission to investigate, study, and formulate a highway plan for the State. Appropriates \$50,000 from the Road Fund for commission expenses.
SB 903				Appropriation	Extends time for repayment to the MFT Fund of transfers previously made from June 30, 1963 to June 30, 1964.
SB 918				Appropriation	Appropriates \$7,000,000 from the Drivers Education Fund to the Superintendent of Public Instruction for reimbursing school districts for driver education courses.

SB	924*	Appropriation	Appropriates \$301,290 to the Department for the General Office; appropriates \$490,515 from the Road Fund for the Division of Architecture and Engineering.
SB	1013	Appropriation	Appropriates \$250,000 to the Department for a study of the Illinois Waterway downstream from the Lockport Locks in the City of Lockport.
SB	1035	Appropriation	Appropriates \$235,000 to the Teachers College Board for paying a proportionate share of the cost of street improvements in the City of Macomb.
SB	1086	Appropriation	Appropriates \$205,176,000 and reappropriates \$94,604,000 from the MFT Fund for allotment to counties, municipalities and townships and appropriates \$825,000 from the Road Fund for compensation claims and medical treatment of injured employees.
SB	1089	Appropriation	Reappropriates \$360,000 to the Department for improvements to Flag Creek in Cook and DuPage Counties.
SB	1095	Appropriation	Appropriates \$40,000 to the Department to construct a dam on Spoon River near London Mills in Fulton County.
SB	1142*	Appropriation	Appropriates \$716,900.920 and reappropriates \$248,694,000 from the Road Fund; \$4,158,430 from the MFT Fund; and \$5,565,270 from the Garage Revolving Fund to the Department for ordinary and contingent expenses of the Division of Highways.
SB	1159	Appropriation	Appropriates \$57,000 from the Road Fund to the Auditor of Public Accounts for salaries of the Superintendent of State Police and three members of the State Police Merit Board.
SB	1163*	Appropriation	Creates a Commission on State Employment to study current wages and other working conditions of State employees.
SB	1203	Appropriation	Appropriates \$15,000 for Commission expenses.
SB	1219	Appropriation	Appropriates \$1,800,000 to the Department to construct dams in the Fox River in Kane and Kendall Counties.
SB	1226*	Appropriation	Appropriates \$115,797 from the Road Fund to pay claims authorized by the Court of Claims.
SB			Appropriates \$13,191,000 to the Department for land and buildings; \$263,000 to the Department of Public Safety for police buildings; \$586,440 to the Secretary of State, \$75,000 for improvements to motor vehicle buildings in Chicago and \$511,440 for improvements to the Centennial Building;—all from the Road Fund; and to the Department: \$1,200,000 from the Grade Crossing Protection Fund for improvements to railroad grade crossings, \$200,000 from the Illinois and Michigan Canal Fund for its mutual structures, and \$200,000 from General Revenue Fund for Illinois Waterways bridges and ferries.
SB	1230*	Appropriation	Reappropriates \$4,211,819 from the Road Fund to the Department for land, buildings and grounds; \$779,120 from the Road Fund to the Department of Public Safety for new police buildings and \$20,000 for a study of a State-owned microwave radio network; \$567,000 from the General Revenue Fund to the Department for land and improvements of certain waterways; and \$1,450,000 from the Grade Crossing Protection Fund to the Department for installations at railroad crossings.
SB	1232	Appropriation	Appropriates \$36,960 from the Road Fund for payment of principal and interest on the \$60 and \$100 million State highway bond issues.
HB	52	Appropriation	Appropriates \$3,983,000 to the Department for improvements to the lower portion of the Kaskaskia River.
HB	79	Appropriation	Appropriates \$140,000 from the Road Fund to the Department of Finance to pay claims of injured State employees and workmen's compensation.
HB	202	Appropriation	Appropriates \$450,000 from the Road Fund to the Toll Highway Commission for expenses to determine the feasibility of extending the East-West Tollway.
HB	333	Appropriation	Appropriates \$250,000 from the Road Fund to the Department of Conservation for the development of a lake near the City of Taylorville in Christian County.
HB	654	Appropriation	Creates the Horseshoe Lake Area Commission to study the feasibility of using the Area as a recreational area.
HB	740	Appropriation	Appropriates \$663,000 to the Department to make flood control improvements in the DuPage River in DuPage and Will Counties.
HB	741	Appropriation	Appropriates \$250,000 to the Department to acquire right-of-way for making improvements in Salt Creek in DuPage County.
HB	758	Appropriation	Appropriates \$924,000 from the State Boating Act Fund to the Department of Conservation for improvement of boating facilities.
HB	981	Appropriation	Appropriates \$1,000,000 to the Rend Lake Conservancy District to acquire lands for the construction of Rend Lake in Franklin and Jefferson Counties.
HB	1022	Appropriation	Appropriates \$45,000 from the Road Fund to the Department for an engineering survey to determine the feasibility of constructing a bridge across the Mississippi River in southern Calhoun County.
HB	1034	Appropriation	Appropriates \$24,332,575 from the Road Fund to the Secretary of State of which \$12,173,865 is for the Automobile Division and \$12,158,710 is for the Driver's License Division.
HB	1244	Appropriation	Appropriates \$100,000 for ordinary and contingent expenses of the Northeastern Illinois Metropolitan Area Planning Commission.
HB	1246	Appropriation	Appropriates \$220,000 and reappropriates \$50,000 to the Department for improvements in Lucas Ditch in Cook County.
HB	1302	Appropriation	Appropriates \$622,000 to the Department to make certain improvements in a portion of Weller Creek in Cook County.
HB	1303	Appropriation	Appropriates \$37,500 to the Department of Conservation to determine the feasibility of developing three lakes in Gallatin and Saline Counties.

TABLE 7.—Concluded.

Enacted as	Citation			Type of Act	Effect of Bill ²
	Laws of Illinois 1963 Page	Illinois Revised Statutes 1963			
		Chapter	Paragraph		
IIB 1304				Appropriation	Appropriates \$475,000 to the Department for channel improvements in the Saline River in the Saline Valley Conservancy District. Reappropriates \$225,000 to the Department for improvements in the East Branch of the DuPage River and tributaries at or near Lisle in DuPage County. Reappropriates \$650,000 to the Department for improvements in and along Weller Creek in the City of Des Plaines, Cook County. Appropriates \$27,695,516 from the Road Fund to the Department of Public Safety to be expended as follows: Division of State Highway Police \$25,588,526; Division of Operation of Official Testing Stations \$320,600; Division of Traffic Safety \$250,180; Division of Truck Traffic Regulation \$1,465,090; State Police Merit Board \$71,120; and reappropriates \$56,400 for improvements to buildings and grounds at police district headquarters. Reappropriates \$360,000 to the Department for flood control improvements to Hickory Creek in Joliet, Will County. Reappropriates \$5,325,000 and appropriates \$1,175,000 from the Road Fund to the Secretary of State for the construction of an addition to the Centennial Building. Appropriates \$100,000 to the Department to make an engineering study and report for a dam and reservoir on Kinkaid Creek in Jackson County. Creates the Northeastern Illinois Metropolitan Area Local Governmental Service Commission to make a study of the area and its problems and services as related to local government. Appropriates \$6,000 for expenses of the Commission. Creates the Illinois Nature Preserves Commission to promote the preservation of natural lands in this State. Appropriates \$830,000 to the Department to make improvements in and along Soldier Creek in Kankakee County. Appropriates \$750,000 from the Motor Fuel Tax Fund to Kaneland Community Unit School District No. 302 for paying judgments arising out of a school bus accident which occurred on March 10, 1958.
HB 1356				Appropriation	
IIB 1360				Appropriation	
HB 1364				Appropriation	
IIB 1378				Appropriation	Appropriates \$27,695,516 from the Road Fund to the Department of Public Safety to be expended as follows: Division of State Highway Police \$25,588,526; Division of Operation of Official Testing Stations \$320,600; Division of Traffic Safety \$250,180; Division of Truck Traffic Regulation \$1,465,090; State Police Merit Board \$71,120; and reappropriates \$56,400 for improvements to buildings and grounds at police district headquarters. Reappropriates \$360,000 to the Department for flood control improvements to Hickory Creek in Joliet, Will County. Reappropriates \$5,325,000 and appropriates \$1,175,000 from the Road Fund to the Secretary of State for the construction of an addition to the Centennial Building. Appropriates \$100,000 to the Department to make an engineering study and report for a dam and reservoir on Kinkaid Creek in Jackson County. Creates the Northeastern Illinois Metropolitan Area Local Governmental Service Commission to make a study of the area and its problems and services as related to local government. Appropriates \$6,000 for expenses of the Commission. Creates the Illinois Nature Preserves Commission to promote the preservation of natural lands in this State. Appropriates \$830,000 to the Department to make improvements in and along Soldier Creek in Kankakee County. Appropriates \$750,000 from the Motor Fuel Tax Fund to Kaneland Community Unit School District No. 302 for paying judgments arising out of a school bus accident which occurred on March 10, 1958.
IIB 1400*				Appropriation	
IIB 1420				Appropriation	
IIB 1518*				Appropriation	Appropriates \$27,695,516 from the Road Fund to the Department of Public Safety to be expended as follows: Division of State Highway Police \$25,588,526; Division of Operation of Official Testing Stations \$320,600; Division of Traffic Safety \$250,180; Division of Truck Traffic Regulation \$1,465,090; State Police Merit Board \$71,120; and reappropriates \$56,400 for improvements to buildings and grounds at police district headquarters. Reappropriates \$360,000 to the Department for flood control improvements to Hickory Creek in Joliet, Will County. Reappropriates \$5,325,000 and appropriates \$1,175,000 from the Road Fund to the Secretary of State for the construction of an addition to the Centennial Building. Appropriates \$100,000 to the Department to make an engineering study and report for a dam and reservoir on Kinkaid Creek in Jackson County. Creates the Northeastern Illinois Metropolitan Area Local Governmental Service Commission to make a study of the area and its problems and services as related to local government. Appropriates \$6,000 for expenses of the Commission. Creates the Illinois Nature Preserves Commission to promote the preservation of natural lands in this State. Appropriates \$830,000 to the Department to make improvements in and along Soldier Creek in Kankakee County. Appropriates \$750,000 from the Motor Fuel Tax Fund to Kaneland Community Unit School District No. 302 for paying judgments arising out of a school bus accident which occurred on March 10, 1958.
IIB 1539				Appropriation	
IIB 1555				Appropriation	
IIB 1583*				Appropriation	

¹ Excludes land conveyances.
² The Department of Public Works and Buildings is designated "Department".
* Bills discussed in text.

of safety equipment which they had formally adopted causes vehicular accidents or endangers lives or property, the Secretary of State shall notify in writing such determination and publish the information throughout the State.

Senate Bill 1062 provides that any truck owner may register auxiliary axles and shall be required to pay a flat weight tax in accordance with given rates. Unless a special device is used to equalize the load carried or the load weight does not exceed that permitted for regular tandem axles, no auxiliary axle may be used in conjunction with a single axle to form a tandem axle. *Senate Bill 1063* changes the gross weight limitations relative to axles for vehicles and combination of vehicles. The new limitations are based upon the number of axles and distance between extreme axles of the vehicle or combination measured longitudinally to the nearest foot.

Senate Bill 1076 authorizes the Department of Public Works and Buildings to issue an annual permit to an applicant allowing a truck tractor with semitrailer drawing one trailer an additional length of 5 feet; however, the combination cannot exceed legal weight limits and must travel only on the following routes which have four or more lanes: toll roads or toll highways; National System of Interstate and Defense Highways; US 30; US 40; US 41; US 50; US 66; and any other four-lane divided highway designated by the Department.

House Bill 477 requires every motorcycle to carry and exhibit a driving light, also requires that parking lights shall not be exhibited on a vehicle in operation on a highway in this State unless the driving lights are also lighted.

House Bill 737 requires that every bicycle, when upon a highway during the period from sunset to sunrise, be equipped with at least one lighted lamp exhibiting a white light, or light of a yellow or amber tint, visible from a distance of 500 feet to the front of the bicycle and with at least one lighted lamp exhibiting a red light visible from a distance of 500 feet to the rear.

House Bill 975 exempts motor vehicles used exclusively for the towing or pushing of disabled or damaged vehicles from provisions of the Motor Carrier of Property Act.

House Bill 1154 provides that the maximum speed limit for a vehicle of the first division towing another vehicle is 55 miles per hour outside of an urban district, 30 miles per hour in an urban district, and 15 miles per hour in an alley.

House Bill 1476 changes the registration fee for vehicles used exclusively for transporting permanently mounted equipment from \$5 per year to \$25 per year for each 10,000 pounds of the gross weight of such vehicle and equipment, except that the maximum fee payable at the time of application for registration is \$100 per year. After registration the owner must maintain daily mileage records, summarized monthly and transmitted to the Secretary of State. If the vehicle has traveled in excess of 5,000 miles during the annual period, an additional fee will be charged.

3. LAWS AFFECTING HIGHWAY CONSTRUCTION AND MAINTENANCE.—*Senate Bill 175* provides that the Toll Highway Commission may lease the right-of-way over any toll highway for motor fuel service stations and facilities, garages, stores, etc., except for tracks for railroad, railway or street railway use, and may fix the terms, conditions, rents, rates, and charges for such use. *Senate Bill 549* permits any municipality to acquire and operate motor vehicle parking facilities constructed on, above or below ground level, and public off-street parking. Such facilities, including their acquisition, construction, operation, and maintenance, may be financed by general tax funds, special assessments, special taxation, revenue bonds, parking fees, special charges, rents, or by any combination of such methods.

Senate Bill 819 provides that whenever a public road is proposed for being laid out, widened, altered, or vacated, the alteration must allow persons residing or owning land within 2 miles of such road reasonable access; 12 legal voters or 5 per cent of the legal voters, whichever is less, residing in the road district may file a petition with the highway commissioner for such alterations. The powers and duties of the county superintendent of highways are enumerated when he is the official conducting a hearing. His decision is regarded as final in such cases unless a legal voter of the road district invokes judicial review.

House Bill 69 provides that the Department of Public Works and Buildings shall erect and maintain direction signs upon highways in cities, towns, and villages of which portions or lanes of such highways are under the control and jurisdiction of the Department or for which the Department has maintenance responsibility.

House Bill 134 includes construction or repair of drainage facilities and grade separations within the work which may be performed by any county, municipality, or road district. In addition, the bill permits use of the county Federal-aid matching tax for construction of Federal-aid primary roads.

House Bill 284 requires that the plans, preliminary sketches, and estimates for public buildings to be erected for any department must be supervised by an architect employed by the Department of Public Works and Buildings and registered pursuant to the Illinois Architectural Act.

House Bill 1086 provides that the Department of Public Works and Buildings shall repair, maintain, operate, and control all covered bridges in this State including their abutments and approaches.

4. LAWS AFFECTING HIGHWAY ADMINISTRATION.—*Senate Bill 18* allows cities, villages, and incorporated towns to levy a tax for street and bridge purposes not to exceed .06 per cent, and they may by a three-fourths vote of the members of the city council or board of trustees levy an additional tax for street and bridge purposes not to exceed .04166 per cent. The county clerk shall abate such street and bridge tax if any city, village, or incorporated town is situated in whole or in part within any road district in which a tax for road and bridge purposes has also been levied. The combined rates shall not exceed that authorized above.

LEGISLATION

Senate Bill 353 provides that upon death of a State employee his heir or heirs shall be entitled to receive payment for any accrued vacation the employee has earned and would have received at the date of his death had he survived.

Senate Bill 642 provides that each public body shall during the month of June of each calendar year (previously was not less than each six months) investigate and ascertain the prevailing rate of wages and publicly post or keep available for inspection its determination of such prevailing rate of wage.

Senate Bill 869 provides that the Department of Aeronautics may furnish air transportation, upon written request, for officers and employees of the offices, departments, and agencies of the State government and charge for such transportation. Charges shall not exceed the expenses incurred and costs involved in providing air transportation, and may include expenses for equipment, personnel, and operation expenses.

Senate Bill 944 provides that after 50 per cent of county highway work is completed, the county may make partial payments provided that the amount retained is not less than 5 per cent of the total adjusted contract price. A semifinal payment may be made when the principal items of the work have been satisfactorily completed. Such payment shall not exceed 90 per cent of the amount retained nor reduce the amount retained to less than 1 per cent of the adjusted contract price nor less than \$500.

Senate Bill 1131 provides that a county unit road district shall be established in a county not under township organization, whenever a majority of the voters voting on such proposal in the entire county vote in favor of the proposition. The petition shall be filed with the county board rather than the county judge.

House Bill 67 prohibits the erection of signs, billboards, or any advertising upon any bridge, other structures, wire, cable, or other device over or above any crossing of a State highway and railroad outside municipalities except signs designating the name of the railroad and the clearance provided.

House Bill 71 defines what the pedestrian can do when the "Walk" and "Don't Walk" signal exists. It also provides that the "Wait" signal now in use be revised to meet provisions of the State manual within 5 years of the effective date of this Act.

House Bill 188 permits county boards to alter speed limits on county highways, township roads, and district roads, regardless of maintenance responsibility.

House Bill 1030 allows a person receiving a service retirement allowance or ordinary or accidental disability benefits to authorize withholding from such benefits for the payment of premiums on any type of group insurance authorized to be issued by the laws of this State, if the majority of those insured is composed of State employees or retired State employees, or both.

House Bill 1031 provides for the withholding for certain purposes a portion of annuities received under the Pension Code.

5. COMMISSIONS.—*Senate Bill 72* revises and codifies the laws relating to the creation, maintenance and administration of retirement systems, pension funds, annuity and benefit funds and related pension and benefit laws for persons performing services for the State, its agencies, instrumentalities, political subdivisions, and municipal corporations, and for the beneficiaries and dependents of such persons. It creates the Illinois Public Employees' Pension Laws Commission to make a continuing study of the pension and annuity and benefit laws relating to employees and officers in governmental service.

Senate Bill 507 creates the Southwestern Illinois Metropolitan Area Planning Commission to instigate and adopt comprehensive plans for the orderly development of the area contained within Madison and St. Clair counties.

Senate Bill 707 creates the Illinois-Mississippi Canal and Siniissippi Lake Commission which shall take steps to implement plans which have been and are being drawn for rehabilitation of the Canal and its ultimate transfer by the Federal Government to the State of Illinois to be used for recreational purposes.

Senate Bill 787 creates the Mississippi Scenic Parkway Commission for the purpose of promoting and securing scenic parkways and highways and the location of Federal parks within the State.

Senate Bill 902 creates a Commission to investigate, study, classify, and integrate public roads into complete systems; study the present and future needs of the several highway systems as classified by the Commission; examine all phases of highway problems in urban areas; study the administrative aspects of the various governmental highway agencies; consider the financing of the highway program at all levels of government; and study the effect of the Federal highway program upon the State and local highway programs.

Senate Bill 1163 creates a Commission on State Employment to study current wages and other working conditions of all State employees for whose personal services payment is made from the State Treasury, including salary levels, ranges, and progression and to study statistical, sociological, and psychological data and other matters closely related to the wages and other working conditions of such State employees, including comparable conditions in business and industry and in the employment of other states.

House Bill 1518 creates the Northeastern Illinois Metropolitan Area Local Governmental Service Commission. The Commission shall make a study and investigation of the problems incurred in the northeastern Illinois metropolitan area in supplying to the occupants of such area those services which are generally considered to be the responsibility of local government.

6. USE OF MOTOR FUEL TAX FUNDS.—*House Bill 63* permits wider use of motor fuel tax allocations by county boards in the maintenance of county highways, subject to Department approval.

House Bill 66 provides that motor fuel tax funds shall be used for the construction and maintenance of county highways in the municipality.

House Bill 334 provides that any county board may use motor fuel tax money for maintaining a county garage which is used for servicing, maintaining, and storing of vehicles and equipment used on county or State highways.

House Bill 756 includes in the definition of "Motor Vehicles" watercraft propelled by an internal combustion engine. It provides that such watercraft operated on public waters shall pay a gas tax of 5 cents per gallon, and beginning in September, 1963, \$42,000 shall be transferred each month from the Motor Fuel Tax Fund to the State Boating Act Fund.

House Bill 1583 was unique in that the long-standing rule of governmental immunity in tort was abrogated. An amount of \$750,000 was appropriated from the Motor Fuel Tax Fund to the Kaneland Community Unit School District No. 302 for paying judgments arising out of a school bus accident which occurred on March 10, 1958. The Illinois Supreme Court specifically limited the overruling effect of its decision to this particular case.

7. APPROPRIATION BILLS.—There were several appropriation bills enacted to make funds available for construction, maintenance, and operation of the State highway system, for improving State highway buildings and grounds, and for services by other State departments pertaining to highways, motor vehicles, and driver education. The purposes and amounts of these appropriations follow.

(a) *Senate Bill 1142* contained the appropriations of funds for the ordinary and contingent expenses of the Division of Highways during the 73rd biennium. The amounts and the funds from which the appropriations are made are given in the following tabulation:

ROAD FUND:

Highway construction	\$ 789,854,900
(\$247,794,900 reappropriation)	
Highway maintenance	92,693,700
(Includes \$900,000 reappropriation)	
Administration and engineering	62,280,300
Traffic control	20,766,020
Total from Road Fund	\$ 965,594,920

MOTOR FUEL TAX FUND:

Administration of county, city, road district and township work	4,158,430
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GARAGE REVOLVING FUND:

Garage operation and maintenance	5,565,270
Total appropriations to Division of Highways	\$ 975,318,620

(b) *Highway Buildings and Grounds*.—Certain bills enacted by the Seventy-third General Assembly appropriated or reappropriated funds from the Road Fund for improvements to various State highway buildings. *Senate Bill 924* appropriated \$490,515 for the expenses of the Division of Architecture and Engineering incident to the construction of highway buildings. *House Bill 1400* reappropriated \$5,325,000 and appropriated \$1,175,000 to the Secretary of State for the construction of an addition to the Centennial Building

in Springfield. *Senate Bill 1230* reappropriated \$4,990,939 of unexpended funds from appropriations made by the Seventy-second General Assembly for highway buildings, State police buildings and other capital improvements. *Senate Bill 1226* appropriated \$586,440 to the Secretary of State for improvements to land and buildings of which \$511,440 is to be used for rehabilitation of the third floor of the Centennial Building in Springfield and \$75,000 for improvements to land and buildings in the City of Chicago used in the administration of laws relating to motor vehicles.

Senate Bill 1226 includes the following improvements to State highway buildings and grounds:

Location	Improvement	Amount
Jarbondale	Construction of an equipment, supply and material storage building and grounds improvements.....	\$ 231,000
Chicago	For improvements to the laboratory and office building at 4501 N. Harlem Avenue, Chicago	175,000
Cook County	Construction of an office building and storage building for the Expressway Emergency Patrol and Expressway Surveillance and grounds improvements.....	525,000
Cook County	Construction of an equipment, supply, and material storage building and ground improvements for highway District 10..	210,000
Dixon	District headquarters buildings and grounds improvements.....	50,000
East St. Louis	District headquarters building improvements	30,000
Effingham	For construction and completion of equipment, supply and material storage buildings and grounds improvements....	206,000
Elgin	District headquarters office building, storage buildings, sign shop and grounds improvements	884,000
Ottawa	District headquarters buildings and grounds	490,000
Ottawa	Construction of a sign shop building, grounds improvements..	300,000
Peoria	District headquarters buildings and grounds	75,000
Springfield	Construction of a Department of Public Works and Buildings Administration Building, grounds improvements	6,000,000
Springfield	For alterations and improvements to sign shop building at 200 East Ash Street	30,000
Various	Purchase of land for maintenance storage buildings.....	360,000
Various	Purchase of land for additions to district headquarters sites....	26,000
Various	Truck weighing stations and grounds	40,000
Various	For erection of buildings and the furnishing and installation of weighing equipment and appurtenances with grounds improvements	776,000
Various	Construction of maintenance storage buildings, maintenance radio station buildings, etc., with grounds improvements.....	2,783,000
Total highway buildings and grounds		\$ 13,191,000

In addition, *Senate Bill 1226* appropriated funds to the Department of Public Safety to make improvements to the following police district headquarters:

East St. Louis	New highway police headquarters buildings, land and equipment	\$ 100,000
Peoria	New highway police headquarters buildings, land and equipment	86,000
Urbana	New highway police headquarters buildings, land and equipment	77,000
Total police buildings and grounds		\$ 263,000
Total highway and police buildings and grounds		\$ 13,454,000

(c) *Highway-user Taxes Appropriated to Other Departments.*—The following tabulation lists appropriations made to finance highway services of various State departments which are not included in *Senate Bill 1226*.

Bill	Fund	Department	Purpose	Amount
SB 1159---	Road-----	Auditor of Public Accounts----	Salaries of Superintendent of Highway Police and three members of Police Merit Board-----	\$ 57,000
SB 1219---	Road-----	Auditor of Public Accounts----	Court of Claims awards-----	115,797
SB 1086---	Road-----	Finance-----	Hospital and other treatment expenses of injured highway and State police employees---	275,000

LEGISLATION

Bill	Fund	Department	Purpose	Amount
SB 1086	Road	Finance	Pay claims of injured State employees	425,000
SB 1086	Road	Finance	Pay claims of highway and State police employees who are unable to work	125,000
HB 79	Road	Finance	Pay claims of injured highway State employees	115,000
HB 79	Road	Finance	Hospital and other treatment expenses of injured highway and State police employees	25,000
SB 197	Road	Public Safety	Transfers for commodities	400,000
SB 1230	Road	Public Safety	To study the merits of a State-owned microwave radio network	20,000
HB 333	Road	Conservation	Develop lake near Taylorville	250,000
HB 1364	Road	Public Safety	State police	25,588,526
HB 1364	Road	Public Safety	Operation of testing stations	320,600
HB 1364	Road	Public Safety	Traffic Safety Division	250,180
HB 1364	Road	Public Safety	Truck traffic regulations	1,465,090
HB 1364	Road	Public Safety	Expenses of Merit Board	71,120
HB 1364	Road	Public Safety	Reappropriation for district police headquarters	56,400
HB 1022	Road	Public Works and Buildings	For a study to determine feasibility of constructing a bridge over the Mississippi River near Golden Eagle	45,000
HB 1034	Road	Secretary of State	Automobile Division	12,173,865
HB 1034	Road	Secretary of State	Drivers License Division	12,158,710
SB 1232	Road	State Treasurer	Reappropriates to highway bond retirement	36,960
Total Road Fund to other departments				\$53,974,248
SB 847	MFT	Revenue	Pay gasoline tax refunds and expenses of Motor Fuel Tax Division	\$28,900,445
SB 1086	MFT	Finance	Pay county MFT allotments	72,601,000
SB 1086	MFT	Finance	Pay municipal MFT allotments	101,010,000
SB 1086	MFT	Finance	Pay township MFT allotments	31,565,000
SB 1086	MFT	Finance	Reappropriates unexpended balances of county MFT allotments	29,331,000
SB 1086	MFT	Finance	Reappropriates unexpended balances of municipal allotments	49,296,000
SB 1086	MFT	Finance	Reappropriates unexpended balances of township allotments	15,977,000
HB 1583	MFT	State Treasurer	Pay judgments in school bus accidents	750,000
Total Motor Fuel Tax Fund to Other Departments				\$329,430,445
SB 823	Drivers Education	Superintendent of Public Instruction	Expenses of Division of Driver Education	\$ 129,200
SB 918	Drivers Education	Superintendent of Public Instruction	Reimbursement to school districts for conducting driver education classes	7,000,000
Total from Drivers Education Fund				\$ 7,129,200
SB 1226	Grade Crossing Protection	Public Works and Buildings	Installation of railroad-highway crossing protection	\$ 1,200,000
SB 1230	Grade Crossing Protection	Public Works and Buildings	Reappropriates unexpended balances for railroad-highway crossing protection	1,450,000
Total from Grade Crossing Protection Fund				\$ 2,650,000
Total highway-user taxes to other departments				\$393,183,893

III. FINANCING

1. GENERAL.—Financing the improvements and maintenance of the system of State highways in Illinois involves the expenditure and recording of large sums of money annually. Budgeting, accounting, and auditing of highway funds are the responsibility of the Bureau of Administrative Service. Through this Bureau vouchers are issued and records kept of all financial transactions in highway funds; detailed records are made of maintenance and construction cost on each section of State highway; State highway funds expended by local governments are audited annually; budgets are prepared; Division personnel records are kept; and statistical reports are issued periodically concerning all phases of highway financing in Illinois.

Summarization of State highway finance is portrayed in the discussion and tables which follow.

2. RECEIPTS, EXPENDITURES, AND BALANCES.—Detailed information concerning financial transactions of State highway funds is given in Table 13. Although revenues were approximately the same, expenditures in 1963 for State highway purposes showed an increase from the corresponding figures for the 1962 year. Gross revenues increased 0.46 per cent and gross expenditures increased 8.11 per cent.

(a) *Receipts*.—During 1963 a total of \$455,186,553.49 of State highway revenue was deposited in the State Treasury. Not all of this was available for financing work of the Division of Highways. From the \$171,436,516.70 motor fuel tax collected, refunds to nonhighway users, collection costs, and allotments to counties, cities, and townships, the Grade Crossing Protection Fund, and the State Boating Act Fund totaled \$115,704,427.95, leaving \$55,732,088.75 available to the Division of Highways. Likewise from the \$110,081,741.53 received for registration fees, collection costs, payments to the State highway police, and allowance for miscellaneous items, left \$83,437.-592.57 available to the Division of Highways. Of the \$10,153,199.05 in miscellaneous collections, direct deposits to the Motor Fuel Tax Fund for counties left \$10,138,266.55 available to the Division of Highways. Table 13 shows of the total highway receipts amounting to \$455,186,553.49, after the deductions mentioned above \$312,668.-172.76 remained for construction, engineering, and maintenance by the Division of Highways.

The following tabulation shows a comparison of State Highway receipts for 1962 and 1963.

Type of Receipt	1962	1963	Change	
			Amount	Per Cent
Registration fees.....	\$110,755,846.75	\$110,081,741.53	\$— 674,105.22	— .61
Federal aids and grants.....	162,916,652.73	163,360,224.89	+443,572.16	+ .27
Miscellaneous collections.....	12,386,471.19	10,308,070.37	—2,078,400.82	—18.03
Motor fuel tax.....	166,906,976.79	171,436,516.70	+4,529,539.91	+2.71
Total regular receipts.....	\$452,965,947.46	\$455,186,553.49	\$+2,220,606.03	+ .46

FINANCING

(b) *State Highway Expenditures.*—The amount expended by the Division, \$324,331,741.13 in 1963, was more than that of 1962 by \$29,201,383.99, or 9.89 per cent, while the total State highway expenditures, including advances to local governments for highway purposes, showed an increase of 8.11 per cent when compared with that of 1962. The tabulation which follows compares the amounts expended in 1963 with those of the previous year.

Expenditures by or for	1962	1963	Change	
			Amount	Per Cent
Division of Highways.....	\$295,130,357.14	\$324,331,741.13	\$+29,201,383.99	+9.89
Counties.....	34,638,253.93	31,956,028.79	—2,682,225.14	—7.74
Municipalities.....	45,986,173.54	52,565,948.93	+6,579,775.39	+14.31
Townships and Road Districts.....	14,574,471.16	14,948,612.97	+374,141.81	+2.57
Other State Departments.....	39,482,980.80	41,151,662.58	+1,668,681.78	+4.23
Grade Crossing Protection Fund.....	628,561.10	383,117.13	—245,443.97	—39.05
Total.....	\$430,440,797.67	\$465,337,111.53	\$+34,896,313.86	+8.11

c. *Balances.*—The balance in all highway funds at December 31, 1962 (disregarding the \$17 million temporary transfer to the General Revenue Fund) was \$133,009,243.90. At the end of 1963 the balance of all State highway funds was \$122,858,685.86. Of this total \$23,337,438.20 was available for commitments of the Division of Highways, against which liabilities for contracts in force and reserves for other construction work amounted to \$174,754,803.02. The following tabulation shows the balances in the various highway accounts at the beginning and end of 1963.

Fund	Balances at		Change
	January 1, 1963	December 31, 1963	
Road Fund.....	\$ 36,559,276.61	\$ 21,882,388.17	\$—14,676,888.44
Motor Fuel Tax Fund:			
Division of Highways.....	1,478,751.29	1,487,010.03	+8,258.74
Counties.....	31,302,293.40	36,686,428.31	+5,384,134.91
Municipalities.....	45,409,395.99	43,797,845.25	—1,611,550.74
Townships and Road Districts.....	16,992,218.41	17,520,823.03	+528,604.62
State Treasurer, Relief Bonds.....	225.00	225.00	—
Grade Crossing Protection Fund.....	1,267,083.20	1,483,966.07	+216,882.87
Totals.....	\$133,009,243.90	\$122,858,685.86	\$—10,150,558.04

3. *SOURCES OF STATE HIGHWAY REVENUE.*—The sources of funds for highway purposes in Illinois are (a) vehicle registration fees, (b) motor fuel tax, (c) Federal aids, (d) State General Revenue Fund appropriations, and (e) miscellaneous collections.

The amount received from each of these sources has been shown in accompanying tabulations, but little has been said of their source or collection. These are explained briefly in the discussion which follows.

FINANCING

(a) *Vehicle Registration Fees.*—Fees in this item include State licenses issued for motor vehicles, trailers, drivers and chauffeurs, and for miscellaneous purposes relating to motor vehicles. Registration fees are collected by the Secretary of State and deposited in the Road Fund. Collection expense incurred is payable from the Road Fund.

(b) *Motor Fuel Tax Funds.*—The distribution of the motor fuel tax collected in 1963 is shown in Figure 4. The Department of Revenue is responsible for collecting the tax (5 cents per gallon state tax during 1963) and for depositing the collections in the State

TABLE 8.—DETAIL OF HIGHWAY REVENUES FOR CALENDAR YEAR 1963.

ROAD FUND REVENUES:			
Motor license and operators' license fees		\$ 110,081,741.53	
Federal Aids and Grants:			
Regular Federal-aid program..\$	14,478,977.20		
Federal Secondary program...	9,831,151.14		
Federal Urban program.....	21,916,675.04		
Federal Interstate program...	115,590,238.54		
Federal Forest Highway program	104,524.00		
Federal Access Roads program.	69,072.97		
Area Redevelopment Admin. program	1,369,586.00		
Total Federal aids and grants.....		163,360,224.89	
Miscellaneous Collections:			
Other State Department re-funds	\$ 3,492.05		
Traffic Permits	130,371.03		
Public Safety refunds.....	62,920.14		
Reimbursement of expenses...	2,119,260.43		
Reimbursement from counties for construction advances...	1,604,433.63		
Reimbursement from counties for secondary road construction	4,350,449.42		
Reimbursement from municipalities for construction cost advances	1,241,604.67		
Fines and penalties.....	511,018.18		
Fees for reinstatement of Drivers Licenses	114,717.00		
Total miscellaneous collections		10,138,266.55	
Transfers from Motor Fuel Tax Fund.....		54,162,002.78	
Total Road Fund revenues.....		\$ 337,742,235.75	
MOTOR FUEL TAX REVENUES:			
Motor fuel tax collected.....\$	171,436,516.70		
Miscellaneous Collections and Redeposit of warrants	169,803.82	\$ 171,606,320.52	
Less:			
Transferred to Road Fund...\$	54,162,002.78		
Transferred to Grade Crossing Protection Fund	600,000.00		
Transferred to State Boating Act Fund	210,000.00	\$ 54,972,002.78	
Net Motor Fuel Tax Fund revenues.....		116,634,317.74	
GRADE CROSSING PROTECTION FUND REVENUES:			
Transfers from Motor Fuel Tax Fund		600,000.00	
STATE BOATING ACT FUND REVENUES:			
Transfers from Motor Fuel Tax Fund.....		210,000.00	
Total Revenues, all funds		\$ 455,186,553.49	

Road Fund							FINANCING				
Year	Motor License and Operators' License Fees	Federal Aid	Miscellaneous	Motor Fuel Tax ¹	Total	Bond Funds 60M and 100M Issues	Motor Fuel Tax Fund	Grade Crossing Protection Fund	Trust Fund	General Revenue Fund Allocations for Highway Purposes	Total
1911-1915	\$ 2,542,580.16				\$ 2,542,580.16					\$ 290,588.25	\$ 2,833,168.41
1916	14,730,506.97				20,515,096.20					306,180.14	20,821,876.34
1920	6,862,125.83	\$ 5,724,799.05	\$ 60,390.18		10,886,201.84	\$ 4,709,477.78					15,595,679.62
1921	7,904,219.71	3,802,430.46	221,645.55		9,770,050.34	12,023,966.76					21,794,017.10
1922	1,733,334.86	1,733,334.86	132,495.77		14,082,464.44	24,100,867.70					38,183,332.14
1923	9,689,702.77	4,257,276.06	135,485.61		15,422,943.21	21,526,300.00					36,949,243.21
1924	11,557,838.94	3,565,058.69	300,045.58		16,288,161.51	19,630,300.00					35,913,461.51
1925	13,050,977.39	2,717,923.43	514,260.69		16,188,831.95	4,953,100.00				4,863.73	21,146,795.68
1926	13,937,579.64	2,036,921.95	214,330.36		22,756,997.28	12,157,100.00				34,559.44	34,948,656.72
1927	15,589,365.19	2,997,912.78	216,671.59	\$ 3,953,047.72	21,989,766.57	35,048,600.00				296,531.80	57,334,898.37
1928	15,069,830.33	4,054,632.00	425,556.10	2,439,728.14	20,971,854.85	19,566,600.00				374,021.42	42,528,661.33
1929	17,035,596.03	3,482,065.67	454,193.15		22,805,637.75		\$ 1,616,185.06			167,425.43	57,148,375.23
1930	18,353,865.44	4,089,891.72	347,065.64	14,813.95	29,595,387.44		34,175,312.05			223,585.88	60,041,413.72
1931	19,201,521.14	10,063,542.21	293,793.69	36,530.40	22,398,178.93		30,222,440.40			27,801.78	53,469,744.72
1932	16,812,097.50	7,888,086.14	195,232.94	502,762.35	23,038,775.49	1,983,500.00	30,920,366.65			23,918.20	54,033,060.34
1933	15,544,501.29	4,271,723.92	272,550.28		23,031,577.86		31,006,380.09				63,037,957.95
1934	18,189,190.93	13,663,956.76	178,430.17		29,067,238.59		31,771,511.28				60,838,749.87
1935	19,988,807.85	8,880,882.56	197,548.18		37,315,982.16		35,433,014.14				72,748,996.30
1936	18,685,682.83	18,449,527.07	180,772.26		37,231,131.52		38,950,820.29				76,181,951.81
1937	21,283,188.44	15,648,505.31	299,437.77		31,180,611.05		39,536,348.09				70,716,959.14
1938	21,754,616.24	9,194,277.62	201,517.19		32,565,742.07		42,327,572.43				74,893,314.50
1939	24,678,040.42	7,283,427.14	604,474.51		34,005,762.96		45,286,015.72				79,291,778.68
1940	24,037,765.01	9,330,449.44	637,548.51		32,030,962.83		48,648,263.73				80,679,226.56
1941	25,852,799.98	5,586,877.20	591,285.65		28,268,794.12		44,581,819.98				72,853,614.10
1942	23,771,384.62	3,970,309.57	527,099.93		31,380,043.42		34,015,607.91			221,026.40	65,616,677.73
1943	24,037,431.29	7,182,876.22	159,735.91		25,808,957.84		35,166,505.80			853,119.84	61,820,583.48
1944	22,942,106.55	2,717,935.17	140,916.12		30,967,404.01		37,486,710.53			287,265.11	63,072,878.65
1945	23,396,891.33	1,405,921.39	496,090.29		25,298,903.01		48,711,836.17			13,420,060.59	93,099,300.77
1946	27,917,192.83	2,754,479.49	295,731.69		37,714,016.65		53,801,933.48			2,187,074.84	93,703,024.97
1947	30,492,814.24	6,227,802.26	993,400.15		50,366,175.79		58,889,358.50			13,189,757.18	122,445,291.47
1948	32,892,386.26	14,827,994.23	2,645,795.30		70,015,386.35		52,599,525.21			2,817,380.87	125,432,292.43
1949	41,986,130.32	15,526,936.34	2,693,251.72	9,809,067.97	76,385,767.39		48,530,845.50		\$1,347,061.42	343,391.77	126,607,066.08
1950	40,437,007.68	14,553,825.13	1,762,456.26	19,632,478.32	83,947,288.14		57,836,644.17		2,471,595.73	354,071.26	144,609,799.30
1951	44,607,331.92	18,413,925.26	907,511.57	20,018,519.39	109,231,244.43		69,707,721.74		1,343,596.23	333,296.04	180,615,858.44
1952	52,327,170.57	26,908,982.94	2,546,878.69	27,448,512.23	140,784,653.92		87,314,714.65		376,553.62	327,836.95	228,803,759.14
1953	69,647,775.00	25,800,389.22	6,700,031.16	38,636,458.54	142,430,760.87		92,846,072.45		130,718.46	287,931.54	235,695,483.32
1954	71,942,193.55	26,955,333.75	5,014,534.97	38,518,698.60	160,090,228.05		94,336,154.26			284,371.77	254,835,754.08
1955	74,929,696.50	35,140,812.81	6,730,105.38	43,289,613.36	169,339,170.14		98,837,789.35	\$ 125,000.00		288,821.22	268,765,780.71
1956	86,103,830.45	32,445,599.00	7,088,621.34	43,701,119.35	176,205,481.44		100,530,159.38	300,000.00		155,513.08	277,191,153.90
1957	89,472,754.46	32,899,818.43	8,221,293.43	45,611,615.12	257,015,824.06		102,479,709.73	300,000.00			359,795,533.79
1958	95,583,744.21	107,089,299.33	7,477,916.44	46,864,864.08	335,800,772.19		107,367,787.08	475,000.00			443,643,559.27
1959	94,745,386.67	183,086,159.17	9,451,191.46	48,518,034.89	343,911,391.37		108,656,774.66	600,555.49			453,168,721.52
1960	98,704,381.89	186,893,487.35	8,704,826.48	49,608,695.65	294,086,152.30		109,935,185.24	600,200.83			404,621,538.37
1961	100,729,647.65	133,343,534.61	9,130,007.87	50,882,962.17	338,348,266.11		114,017,606.59	600,074.76			452,965,947.46
1962	110,755,846.75	162,916,652.73	12,223,553.41	52,452,213.22	337,742,235.75		116,844,317.74	600,000.00			455,186,553.49
1963	110,081,741.53	163,360,224.89	10,138,266.55	54,162,002.78	\$ 3,799,858,454.35	\$155,699,812.24	\$2,113,452,274.06	\$3,900,831.08	\$5,669,725.46	\$37,100,394.53	\$6,115,681,491.72
Total	\$1,739,857,246.30	\$1,353,145,821.33	\$110,753,948.49	\$596,101,438.23	\$3,799,858,454.35	\$155,699,812.24	\$2,113,452,274.06	\$3,900,831.08	\$5,669,725.46	\$37,100,394.53	\$6,115,681,491.72

¹ Revenue received prior to 1933 consists of 1927 gas tax receipts, subsequent to 1933 consists of 1929 Motor Fuel Tax collections deposited in Road Fund.

² The \$21,526,300.00 shown consists of \$17,624,000.00 from the \$60M issue and \$3,902,300.00 from the \$100M issue. All Bond Fund receipts before 1924 are from the \$60M issue and after 1924 from the \$100M issue.

³ Does not agree with figure published in 1944 Annual Report because of auditing adjustments.

⁴ Includes \$250,000.00 transferred from the State Garage Revolving Fund as a reimbursement of funds advanced in 1943.

⁵ Includes \$210,000.00 transferred to the State Boating Act Fund for the use of the Department of Conservation.

FINANCING

TABLE 10.—MOTOR VEHICLES REGISTERED IN ILLINOIS, 1911-1963.¹

Registration Year	Number of Vehicles Registered					
	Passenger Cars	Trucks and Buses	Motorcycles	Trailers	Dealers' Licenses	Chauffeur Registrations
1911	39,269		4,346			
1912	68,012		9,238		874	8,162
1913	94,646		12,183		1,041	13,153
1914	131,140		14,852		1,198	17,827
1915	180,832		15,710		1,458	22,995
1916	248,429		14,931		2,671	33,022
1917	340,292		13,740		3,745	43,679
1918	389,701		10,834		3,548	45,696
1919	478,438		10,920		4,960	53,123
1920	503,762	65,307	10,597		6,282	69,365
1921	583,441	80,031	8,935		7,041	69,226
1922	682,250	99,876	7,871		4,214	56,789
1923	847,005	122,282	7,612		4,516	92,871
1924	981,859	141,706	6,873	2,044	4,488	96,924
1925	1,101,943	161,234	6,603	3,777	4,557	99,372
1926	1,195,014	175,489	6,156	3,350	4,688	102,849
1927	1,254,421	184,564	6,135	3,489	4,594	100,398
1928	1,314,003	190,356	5,826	3,742	4,548	94,169
1929	1,410,913	204,175	6,055	5,068	4,605	106,551
1930	1,429,146	209,114	6,245	7,341	4,368	108,538
1931	1,411,261	201,509	5,811	9,283	3,883	93,056
1932	1,311,783	181,715	5,274	8,950	3,266	70,788
1933	1,276,864	186,186	4,959	9,228	2,922	66,559
1934	1,285,434	178,496	4,766	10,792	3,449	70,584
1935	1,342,904	190,843	5,291	14,636	3,896	78,931
1936	1,459,195	208,926	5,924	18,408	3,963	90,228
1937	1,556,702	220,639	6,490	23,475	4,329	97,573
1938	1,567,775	222,582	6,848	23,396	4,199	88,974
1939	1,626,689	232,888	7,227	25,296	4,363	123,313
1940	1,707,512	228,889	7,742	29,349	4,679	135,299
1941	1,825,142	234,703	7,672	32,236	4,862	141,199
1942	1,747,253	233,386	9,242	30,429	3,742	141,680
1943	1,592,837	221,634	8,247	26,014	3,282	125,576
1944	1,518,629	216,930	8,381	26,371	3,904	125,182
1945	1,508,222	224,929	8,834	31,776	4,595	142,714
1946	1,614,490	254,059	16,016	45,998	6,332	193,854
1947	1,753,109	291,773	22,506	51,810	7,028	214,618
1948	1,904,991	317,048	30,369	56,365	7,603	232,637
1949	2,078,704	336,044	28,627	56,943	7,349	242,192
1950	2,286,572	362,975	26,682	60,776	7,347	252,993
1951	2,407,130	382,335	24,782	64,971	7,560	262,366
1952	2,458,462	382,873	24,020	68,222	7,783	267,150
1953	2,580,668	377,073	23,637	72,699	7,941	270,046
1954	2,694,253	393,045	22,880	80,545	7,680	267,115
1955	2,858,869	409,217	23,263	90,249	7,868	270,500
1956	2,984,584	423,910	24,094	104,549	8,321	300,146
1957	3,076,362	436,382	24,755	116,493	8,502	298,746
1958	3,127,657	441,880	33,436	131,524	9,174	301,185
1959	3,221,902	457,633	27,904	146,319	9,015	297,064
1960	3,312,800	464,447	26,123	158,316	8,850	299,497
1961	3,389,608	469,910	25,617	167,968	8,828	297,390
1962	3,496,232	481,897	27,091	179,684	8,562	305,764
1963	3,607,545	496,261	30,131	200,160	8,598	307,116

¹ Reported by Secretary of State.

Treasury. At the beginning of each month the amount deposited in the State Treasury during the preceding month is cleared for apportionment. The refunds, administrative costs, and special allocations are paid and the remaining amount is allotted the various governmental units as follows: 35 per cent to the Division of Highways; 32 per cent to municipalities; 11 per cent to counties with a population of 500,000 or more (Cook County); 12 per cent collectively to other counties; and 10 per cent to the counties for township and road district roads.

The share allotted to the Division of Highways is transferred to the Road Fund and expended from this fund for highway purposes. The allocation to the several counties having less than 500,000 inhab-

FINANCING

DISTRIBUTION OF MOTOR FUEL TAX
IN ILLINOIS
1963

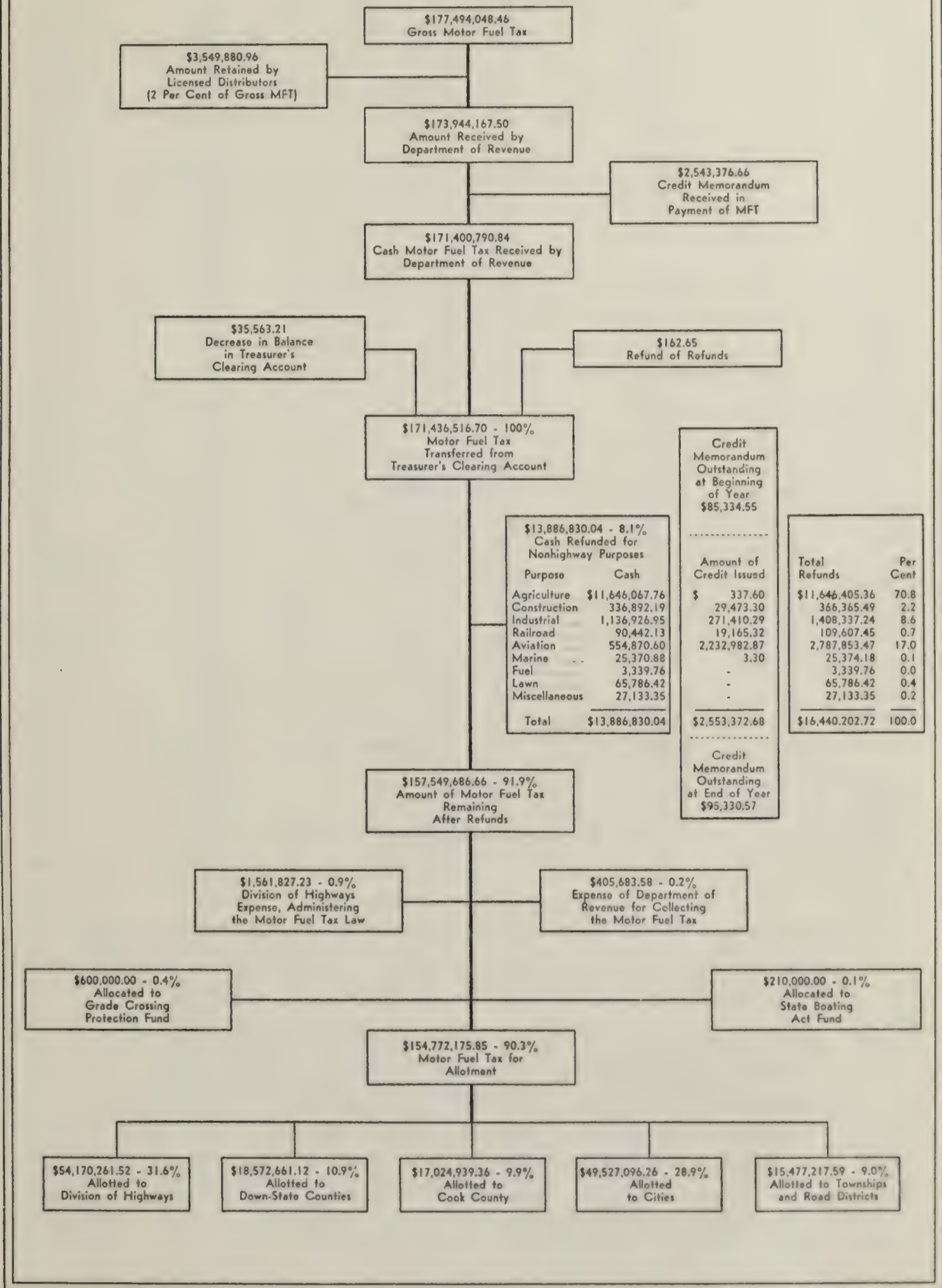


Figure 4.

FINANCING

TABLE 11.—PERCENTAGE OF THE TOTAL STATE MOTOR VEHICLE LICENSE FEES PAID BY RESIDENTS OF EACH COUNTY IN 1963.

County	Per Cent of Fees Collected		County	Per Cent of Fees Collected	
	In All Counties	In Down-State Counties ¹		In All Counties	In Down-State Counties ¹
Adams.....	.818	1.431	Lee.....	.440	.771
Alexander.....	.136	.238	Livingston.....	.586	1.026
Bond.....	.207	.363	Logan.....	.415	.726
Boone.....	.240	.421	Macon.....	1.302	2.279
Brown.....	.092	.163	Macoupin.....	.536	.938
Bureau.....	.534	.935	Madison.....	2.247	3.932
Calhoun.....	.073	.128	Marion.....	.507	.888
Carroll.....	.245	.429	Marshall.....	.187	.327
Cass.....	.207	.362	Mason.....	.242	.424
Champaign.....	1.235	2.162	Massac.....	.211	.369
Christian.....	.509	.891	McDonough.....	.377	.660
Clark.....	.235	.411	McHenry.....	1.067	1.868
Clay.....	.245	.429	McLean.....	1.013	1.773
Clinton.....	.330	.578	Menard.....	.140	.244
Coles.....	.603	1.056	Mercer.....	.219	.383
Cook.....	42.674	-----	Monroe.....	.193	.338
Crawford.....	.304	.532	Montgomery.....	.461	.807
Cumberland.....	.121	.213	Morgan.....	.441	.771
DeKalb.....	.659	1.153	Moultrie.....	.184	.322
DeWitt.....	.242	.423	Ogle.....	.538	.941
Douglas.....	.261	.457	Peoria.....	2.168	3.707
DuPage.....	2.907	5.000	Perry.....	.239	.417
Edgar.....	.330	.578	Piatt.....	.210	.368
Edwards.....	.132	.230	Pike.....	.289	.506
Effingham.....	.285	.499	Pope.....	.046	.081
Fayette.....	.279	.488	Pulaski.....	.081	.141
Ford.....	.271	.474	Putnam.....	.076	.132
Franklin.....	.406	.710	Randolph.....	.326	.571
Fulton.....	.567	.993	Richland.....	.236	.414
Gallatin.....	.101	.176	Rock Island.....	1.767	3.093
Greene.....	.236	.413	Saline.....	.308	.540
Grundy.....	.305	.533	Sangamon.....	1.571	2.750
Hamilton.....	.120	.210	Schuyler.....	.115	.201
Hancock.....	.351	.614	Scott.....	.101	.176
Hardin.....	.074	.130	Shelby.....	.312	.547
Henderson.....	.119	.208	Stark.....	.128	.224
Henry.....	.664	1.161	St. Clair.....	2.477	4.259
Iroquois.....	.516	.903	Stephenson.....	.504	.882
Jackson.....	.408	.715	Tazewell.....	1.309	2.291
Jasper.....	.157	.274	Union.....	.216	.378
Jefferson.....	.413	.723	Vermilion.....	1.119	1.959
Jersey.....	.190	.332	Wabash.....	.180	.316
JoDaviess.....	.217	.380	Warren.....	.275	.482
Johnson.....	.093	.162	Washington.....	.183	.321
Kane.....	2.170	3.798	Wayne.....	.280	.491
Kankakee.....	1.087	1.903	White.....	.289	.505
Kendall.....	.257	.450	Whiteside.....	.745	1.304
Knox.....	.816	1.429	Will.....	2.067	3.618
Lake.....	2.643	4.538	Williamson.....	.527	.922
LaSalle.....	1.605	2.810	Winnebago.....	2.259	3.954
Lawrence.....	.224	.392	Woodford.....	.378	.662
			Total.....	100.000	100.000

¹ The 12 per cent of motor fuel tax which is allotted down-State counties is allocated to each county on the basis of the State license fees collected in that county in comparison with those collected in all down-State counties during the previous year. The percentages indicate the approximate share of allotments for each down-State county in 1964.

itants is allotted each county in proportion to the amount of motor vehicle license fees received from its residents, respectively, during the preceeding license year. The share of the motor fuel tax allotted to the municipalities collectively is divided among those units in the ratio that their populations bear to the total population of incorporated places in the State. The allotment to the counties for road district roads is divided among them on the basis of road mileage under township and road district maintenance.

(c) *Federal Aids.*—Federal funds for highway purposes are received by the State as reimbursement for work done and monies

expended on projects covered by project agreements with the Federal Government. Primary Federal aid is allotted to the State for the improvement of roads included in the Federal-aid primary system; secondary Federal aid is available for expenditure on projects located on the Federal-aid secondary system; urban Federal aid is available for expenditure on projects located in urban areas on the Federal-aid primary system or on approved extensions of the Federal-aid secondary system; and interstate Federal aid may be used on projects located on the National System of Interstate and Defense Highways. Projects located on these systems and approved by the Federal Government are financed in equal shares from State and Federal funds with certain exceptions. Projects using the interstate allotment were changed from 50 per cent Federal participation to 60 per cent Federal participation starting with projects financed with funds made available by the Federal-Aid Highway Act of 1954, and further increased from 60 per cent Federal participation to 90 per cent Federal participation starting with projects financed with funds made available by the Federal-Aid Highway Act of 1956. On Federal-aid secondary projects, the State's share is partially financed by the county in which the project is located. However, the post war Federal highway acts provide that 10 per cent of the total allotments for post-war construction may be used for elimination of hazards at railroad crossings, and Federal funds used for this purpose are either 100 per cent grants or are matched by 10 per cent State funds in some instances.

As an antirecession measure, Congress approved an additional apportionment of Federal-aid funds to the various states in 1958 in which the Federal participation was 66 $\frac{2}{3}$ per cent. These funds, which were identified as "D" funds, could be used on any of the Federal systems without limitation as to amount on any one system and could be claimed only on specific projects which were programed against these funds. All of these projects had to be completed by December 1, 1959 to be eligible for this type of Federal aid.

In addition to the "D" fund apportionment, provision was made for the State to borrow two-thirds of the required matching funds on "D" projects. The total funds advanced under this provision were to be deducted in equal amounts from the 1960 and 1961 Federal-aid apportionments.

(d) *General Revenue for Highway Purposes.*—No General Revenue Fund appropriations were available for State highway work during the year 1963.

(e) *Miscellaneous Collections.*—The amount \$10,308,070.37 collected from miscellaneous sources is itemized in Table 8. Of this amount \$10,138,266.55 was deposited in the Road Fund and \$169,803.82 was deposited in the Motor Fuel Tax Fund.

Public safety deposits consist of payments by members of the State Highway Police for lost equipment. Reimbursement of expenses include items such as refunds from railroads for costs of grade separation structures; refunds from other states for testing services; revenue from permits to operate oversize and overweight vehicles on State highways; sale of plans to contractors; and refunds from other individuals and agencies for construction on State highways performed for the benefit of both parties.

FINANCING

TABLE 12.—STATUS OF FEDERAL-AID FUNDS, DECEMBER 31, 1963

For Year Ending June 30 ¹	Allotment	Work Completed and Re- imbursement Received ²	Obligated by Contract or Agreement but not Completed ³	Programed	Unobligated
FEDERAL-AID PRIMARY					
1959-----	\$ 15,191,611.00	\$15,191,611.00	-----	-----	-----
1959 ⁵ -----	3,038,322.00	3,038,322.00	-----	-----	-----
1959 ⁰ -----	11,989,762.88	11,989,762.88	-----	-----	-----
1960-----	15,469,427.00	15,469,427.00	-----	-----	-----
1961 ¹¹ -----	13,514,886.00	13,514,886.00	-----	-----	-----
1961 ⁷ -----	3,103,237.00	3,103,237.00	-----	-----	-----
1962-----	13,618,918.75	13,618,918.75	-----	-----	-----
1963-----	15,425,095.00	15,425,095.00	-----	-----	-----
1964-----	15,968,454.00	6,311,189.38	\$ 9,657,264.62	-----	-----
1965-----	16,343,528.00	-----	2,525,325.06	\$1,744,073.78	\$12,074,129.16
Totals-----	\$123,663,241.63	\$97,662,449.01	\$12,182,589.63	\$1,744,073.78	\$12,074,129.16
FEDERAL-AID URBAN					
1956-----	\$ 12,098,383.00	\$ 12,098,383.00	-----	-----	-----
1957-----	10,696,428.00	10,696,428.00	-----	-----	-----
1957-----	2,198,233.00	2,198,233.00	-----	-----	-----
1958 ⁴ -----	11,970,829.00	11,970,829.00	-----	-----	-----
1959 ⁸ -----	12,272,368.00	12,272,368.00	-----	-----	-----
1959 ¹⁰ -----	756,446.35	756,446.35	-----	-----	-----
1960-----	15,748,139.00	15,748,139.00	-----	-----	-----
1961 ¹ -----	12,872,016.00	12,872,016.00	-----	-----	-----
1962 ⁹ -----	14,721,935.90	14,721,935.90	-----	-----	-----
1963-----	14,849,013.00	14,849,013.00	-----	-----	-----
1964-----	15,229,044.00	3,653,506.80	\$11,575,537.20	-----	-----
1965-----	15,550,670.00	-----	14,842,495.32	\$232,240.00	\$475,934.68
Totals-----	\$138,963,505.25	\$111,837,298.05	\$26,418,032.52	\$232,240.00	\$475,934.68
FEDERAL-AID INTERSTATE					
1954 (50 per cent participation)	\$ 963,234.00	\$ 963,234.00	-----	-----	-----
1955 (50 per cent participation)	970,391.00	970,391.00	-----	-----	-----
1956 (60 per cent participation)	8,105,625.00	8,105,625.00	-----	-----	-----
1957 (60 per cent participation)	8,116,903.00	8,116,903.00	-----	-----	-----
1957-----	47,148,832.00	47,148,832.00	-----	-----	-----
1958-----	80,153,014.00	80,153,014.00	-----	-----	-----
1959 (90 per cent participation)	93,684,148.00	93,684,148.00	-----	-----	-----
1959-----	9,415,493.00	9,415,493.00	-----	-----	-----
1960-----	127,559,000.00	127,559,000.00	-----	-----	-----
1961-----	91,380,960.00	91,380,960.00	-----	-----	-----
1962-----	111,053,250.00	111,053,250.00	-----	-----	-----
1963-----	124,851,600.00	65,465,405.43	\$ 59,386,194.57	-----	-----
1964-----	135,255,900.00	-----	135,255,900.00	-----	-----
1965-----	139,746,870.00	-----	75,900,874.69	\$12,684,716.00	\$51,161,279.31
Totals-----	\$978,405,220.00	\$644,016,255.43	\$270,542,969.26	\$12,684,716.00	\$51,161,279.31
FEDERAL-AID SECONDARY					
1958-----	\$ 8,087,214.00	\$ 8,087,214.00	-----	-----	-----
1959-----	8,247,143.00	8,247,143.00	-----	-----	-----
1959 ¹⁰ -----	5,056,837.77	5,056,837.77	-----	-----	-----
1960-----	8,378,987.00	8,378,987.00	-----	-----	-----
1961-----	8,078,909.00	8,078,909.00	-----	-----	-----
1962-----	8,299,633.92	8,299,633.92	-----	-----	-----
1963-----	8,496,860.00	8,496,860.00	-----	-----	-----
1964-----	8,750,018.00	3,673,265.99	\$5,076,752.01	-----	-----
1965-----	8,959,941.00	-----	603,063.33	\$34,750.00	\$8,322,127.67
Totals-----	\$72,355,543.69	\$58,318,850.68	\$5,679,815.34	\$34,750.00	\$8,322,127.67
FOREST HIGHWAYS					
1960-----	\$ 37,062.00	\$19,903.13	\$ 17,158.87	-----	-----
1961-----	36,650.00	-----	36,650.00	-----	-----
1962-----	36,407.00	-----	36,407.00	-----	-----
1963-----	36,368.00	-----	36,368.00	-----	-----
1964-----	34,230.00	-----	31,790.36	-----	\$ 2,439.64
1965-----	38,033.00	-----	-----	-----	38,033.00
Totals-----	\$218,750.00	\$19,903.13	\$158,374.23	-----	\$40,472.64

FINANCING

TABLE 12.—Concluded.

- 1 All Federal allocations for previous fiscal years were completed and accepted by the Federal Bureau of Public Roads prior to December 31, 1960.
2 Refers to reimbursements received from Federal Bureau of Public Roads.
3 Based on contract prices plus 5 to 10 per cent for contingencies. Includes funds allocated to right-of-way acquisition and to highway planning and research projects.
4 1958 allotment was \$14,947,982.00 of which \$2,977,153.00 was transferred to primary.
5 Transferred from 1959 urban allotment.
6 1959 allotment was \$15,310,690.00 of which \$3,038,322.00 was transferred to primary.
7 Transferred from 1961 funds on April 28, 1960.
8 1961 allotment was \$15,975,253.00 of which \$3,103,237.00 was transferred to primary on April 28, 1960.
9 1962 allotment was \$14,845,085.00 of which \$123,149.10 was deducted and applied against the "L" fund allotment.
10 In the 1958 Federal-aid Highway Act additional Federal-aid funds were appropriated for the year ending June 30, 1959. Funds apportioned to Illinois for primary, urban, and secondary work were called "D" funds. Since these funds were an antirecession measure, they had to be obligated on December 1, 1958, and completed by December 1, 1959. Consequently their use was permitted on any system. The following tabulation shows the allocation of "D" funds to Illinois and their application:

	Allocation	Application
FAP	\$ 6,979,635	\$ 11,989,763
FAU	7,034,344	756,446
FAS	3,789,068	5,056,838
Total	\$ 17,803,047	\$ 17,803,047

11 Net allocation after loans and advances.

4. STATE AIDS.—(a) *Motor Fuel Tax Funds*.—The State collects the motor fuel tax and apportions a part for the counties, municipalities, and road districts. These funds remain in the State Treasury, but are credited to the account of each unit of government as they accrue. When a highway or street project is approved by the Division of Highways, the amount needed, or so much as is available in the respective account of the unit of government involved, is disbursed from that unit's funds. Tables 4, 5, and 6 show the balances, allotments, and the amounts disbursed to the counties, municipalities, and road districts in 1963.

(b) *Other State Aids*.—Occasionally when State highway construction is financed jointly between local governments and the State, the State pays for construction or right-of-way needed and is reimbursed by the county or city involved. The amounts advanced by the State and repaid by counties and cities are given in the following tabulation.

Item	Counties	Cities	Total
Unpaid balances, January 1, 1963.....	\$ 506,364.25	\$1,639,457.79	\$2,145,822.04
Expenditures during 1963 for construction and right-of-way to be repaid by counties and cities.....	1,703,506.90	1,296,554.43	3,000,061.33
	\$2,209,871.15	\$2,936,012.22	\$5,145,883.37
Repayments during 1963.....	1,604,433.63	1,241,604.67	2,846,038.30
Unpaid balances, December 31, 1963.....	\$ 605,437.52	\$1,694,407.55	\$2,299,845.07

5. BOND ISSUES.—Several bond issues are redeemed from motor-user taxes.

(a) *State Highway Bonds*.—The \$60,000,000 highway bond issue (enacted on June 22, 1917 and approved by referendum vote of the people on November 4, 1918) and the \$100,000,000 highway bond issue (enacted on June 29, 1923 and approved by referendum vote of the people on November 4, 1924) are retired from Road Fund revenues. Sales of these bonds occurred in the period 1921 to 1932.

FINANCING

The last of the \$60,000,000 highway bond issue was retired in 1953. In May of 1959, the last of the \$100,000,000 had matured and during 1963 \$5,000 was retired with \$25,000 yet to be submitted for payment.

(b) *The Relief Bonds.*—An issue of \$20,000,000 authorized in 1932 and another for \$30,000,000 authorized in 1934 were retired from allotments of motor fuel tax to counties and municipalities. The last of the \$20,000,000 relief bond issue was retired in 1950, and the final payment on the \$30,000,000 relief bond issue was made in 1955.

(c) *Expressway Bond Issue.*—Legislation in 1955 authorized counties having a population of 500,000 or more (Cook County) to issue bonds without a referendum vote of the people in the amount of \$245,000,000 for the construction of expressways. Under this authorization Cook County issued the following bonds:

Series	Amount	Date of Issue	Interest Rate
A-----	\$ 40,000,000	Oct. 1, 1955	2 5/8
B-----	10,000,000	Oct. 1, 1957	3 7/8
C-----	25,000,000	June 1, 1958	2 3/4
D-----	25,000,000	Dec. 1, 1958	3 3/8
E-----	25,000,000	Nov. 1, 1959	4
F-----	25,000,000	May 1, 1960	3 1/2
G-----	25,000,000	Dec. 1, 1960	3 1/4
H-----	25,000,000	Oct. 1, 1961	3 1/2
I-----	25,000,000	May 1, 1962	2 7/8
J-----	20,000,000	Dec. 1, 1963	3
	\$245,000,000		

The following tabulation shows the levy schedule and the amount of principal and interest due annually on the \$245,000,000 Cook County Expressway Bond Issue.

Levy Schedule		Year	Payment Schedule		
Principal	Interest		Principal Due Each Year	Interest Due Each Year	Total Bond Service Each Year
\$ 2,000,000-----	\$ 2,047,500.00	1955			
2,000,000-----	945,000.00	1956	\$ 2,000,000	\$ 1,050,000.00	\$ 3,050,000.00
2,500,000-----	1,280,000.00	1957	2,000,000	997,500.00	2,997,500.00
8,250,000-----	3,664,479.17	1958	2,500,000	1,332,500.00	3,832,500.00
10,750,000-----	3,991,783.33	1959	7,000,000	3,021,041.67	10,021,041.67
14,250,000-----	5,178,450.00	1960	9,500,000	3,663,958.33	13,163,958.33
14,500,000-----	5,604,700.00	1961	13,000,000	5,350,625.00	18,350,625.00
16,000,000-----	6,109,700.00	1962	14,000,000	5,356,875.00	19,356,875.00
16,500,000-----	5,772,825.00	1963	15,000,000	5,954,375.00	20,954,375.00
16,500,000-----	4,931,575.00	1964	16,500,000	5,700,000.00	22,200,000.00
17,500,000-----	4,390,325.00	1965	16,500,000	5,158,750.00	21,658,750.00
19,500,000-----	3,799,075.00	1966	17,500,000	4,617,500.00	22,117,500.00
18,250,000-----	3,161,575.00	1967	18,500,000	4,043,750.00	22,543,750.00
15,750,000-----	2,566,250.00	1968	19,500,000	3,420,625.00	22,920,625.00
13,250,000-----	2,063,125.00	1969	17,000,000	2,783,125.00	19,783,125.00
12,000,000-----	1,653,750.00	1970	14,500,000	2,230,000.00	16,730,000.00
12,000,000-----	1,288,125.00	1971	12,000,000	1,820,625.00	13,820,625.00
12,000,000-----	922,500.00	1972	12,000,000	1,455,000.00	13,455,000.00
8,500,000-----	607,500.00	1973	12,000,000	1,089,375.00	13,089,375.00
8,500,000-----	343,125.00	1974	8,500,000	723,750.00	9,223,750.00
4,000,000-----	131,250.00	1975	8,500,000	459,375.00	8,959,375.00
500,000-----	19,375.00	1976	4,500,000	195,000.00	4,695,000.00
		1977	2,500,000	48,125.00	2,548,125.00
\$245,000,000	\$60,471,987.50		\$245,000,000	\$60,471,875.00	\$305,471,875.00

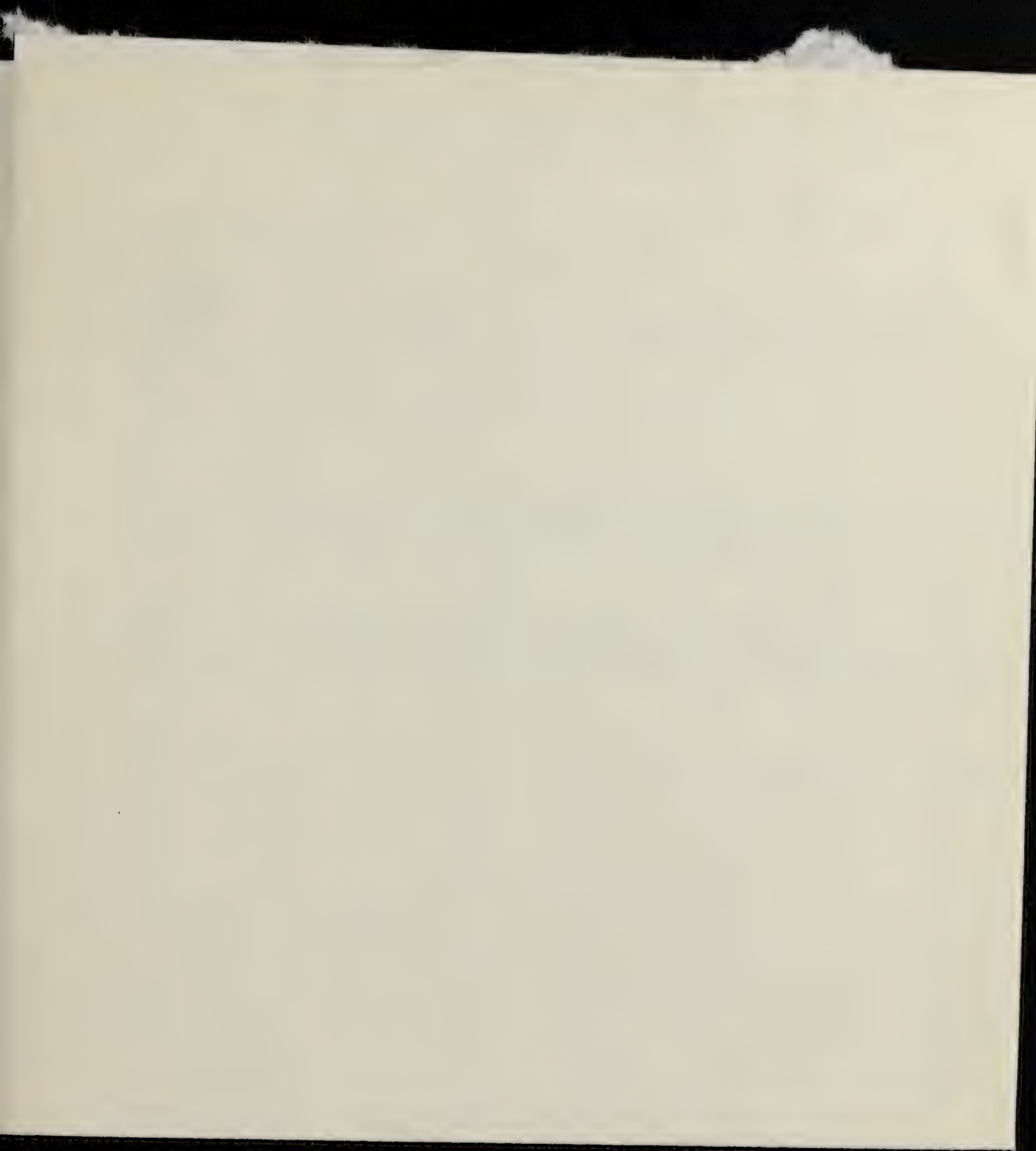


TABLE 13. RECEIPTS, EXPENDITURES, AND BALANCES—ALL HIGHWAY FUNDS 1963.

Account	Road Fund				Motor Fuel Tax Fund							Grade Crossing Protection Fund
	Totals All Funds	Division of Highways	Other State Departments	Counties	Total	Division of Highways	Other State Departments	Counties	Cities	Townships and Road Districts	Total	
Balance in Funds—January 1, 1963.....	\$ 133,000,243 00	\$ 36,522,316 61	\$ 30,900 00		\$ 30,550,276 01	\$ 1,478,761 20	\$ 225 00	\$31,802,203 40	\$45,409,895 99	\$16,902,218 41	\$ 95,182,884 09	\$ 1,297,063 20
Add—Receipts—1963.....												
Registration fees.....	\$ 110,081,741 33	\$ 83,437,892 57	\$26,644,148 96		\$ 110,081,741 33							
Federal aids and grants.....	103,360,224 89	103,360,224 89			103,360,224 89							
Refunds from counties for bridge construction.....	4,350,449 42	4,350,449 42			4,350,449 42							
Miscellaneous collections.....	5,331,885 77	5,162,081 96			5,162,081 96							
Motor fuel tax revenues.....	171,436,516 70	54,162,002 27			54,162,002 27							
General Fund highway revenues.....												
Trust Fund advance from Federal Government.....												
Trust Fund reimbursements by State.....												
Fines and penalties.....	625,735 18	625,735 18			625,735 18							
Total receipts—1963.....	\$ 455,186,553 49	\$ 311,095,056 79	\$26,644,148 96		\$ 337,740,255 54	\$ 1,570,955 97	\$14,502,513 62	\$35,636,656 80	\$49,657,843 76	\$15,477,217 59	\$ 116,844,317 74	\$ 600,000 00
Total revenues available—1963.....	\$ 588,195,797 39	\$ 347,629,413 40	\$26,681,108 96		\$ 374,301,512 36	\$ 3,048,837 26	\$14,502,735 62	\$60,938,960 20	\$95,067,239 75	\$32,460,436 00	\$ 212,027,201 83	\$ 1,867,063 20
Deduct—Expenditures—1963.....												
DIVISION OF HIGHWAYS:												
Construction of Highways.....	\$ 207,433,339 23	\$ 207,433,339 23			\$ 207,433,339 23							
1. Construction.....												
2. Additions and betterments—SBI and FA routes.....	2,677,694 56	2,677,694 56			2,677,694 56							
3. Additions and betterments—Erection of traffic signals.....												
4. Additions and betterments—No-passing zones.....												
5. Construction through municipalities—Special appropriations.....												
6. City highway and beltline construction.....	2,608 70	2,608 70			2,608 70							
7. Construction of large bridges—Special appropriations.....												
8. State-aid construction.....	22,067 25	22,067 25			22,067 25							
9. State-aid reconstruction.....												
10. Miscellaneous construction—Special appropriations.....	413,140 63	30,023 40			30,023 40							\$ 388,117 13
10a. Payments to Cook County for expressway construction.....	469,567 68	469,567 68			469,567 68							
10b. Payments to City of Chicago for expressway construction.....	10,854,197 07	10,854,197 07			10,854,197 07							
10c. Trust Fund reimbursements by State.....												
10d. Payments to St. Clair County—Advance 1963.....												
10e. Bond service—Cook County expressway bonds.....	21,471,008 41	21,471,008 41			21,471,008 41							
Total construction.....	\$ 243,343,911 47	\$ 242,960,794 34			\$ 242,960,794 34							\$ 388,117 13
Construction of Highway Buildings, Including Land:												
11. Construction of buildings and equipment.....	1,733,581 59	1,733,581 59			1,733,581 59							
11a. Construction of weighing stations (including mobile units).....	12,227 07	12,227 07			12,227 07							
Total construction of buildings.....	\$ 1,745,808 66	\$ 1,745,808 66			\$ 1,745,808 66							
Overhead Costs:												
12. Administration, engineering, testing and equipment.....	26,498,556 46	26,498,556 46			26,498,556 46							
13. Administration expense—Motor Fuel Tax Law.....	1,561,827 23				1,561,827 23							
14. Compensation for damage to property.....												
15. Mechanical, engineering, and testing services to other State departments.....												
16. Statewide highway planning survey.....	3,253,700 79	3,253,700 79			3,253,700 79							
16a. Administering Safety Responsibility Law.....	400,428 70	400,428 70			400,428 70							
16b. Transportation study of Chicago metropolitan area.....												
Total overhead.....	\$ 31,714,513 18	\$ 30,152,655 95			\$ 31,714,513 18	\$ 1,561,827 23					\$ 1,561,827 23	
Maintenance Costs:												
17. Maintenance of State highways.....	41,123,368 18	41,123,368 18			41,123,368 18							
18. Maintenance of city highways and beltlines.....	625,989 09	625,989 09			625,989 09							
19. Highway traffic control.....	6,161,267 68	6,161,267 68			6,161,267 68							
20. Maintenance and operation of State.....												
Total maintenance.....	\$ 47,910,624 95	\$ 47,910,624 95			\$ 47,910,624 95							
Policing Costs:												
21. Policing of highways (traffic control).....												
22. Construction, maintenance and operation of police radio stations.....												
Total policing.....												
Highway Debt Service:												
23. Principal payments on State highway bonds—\$60M and \$100M.....	5,000 00	5,000 00			5,000 00							
24. Interest payments on State highway bonds—\$60M and \$100M.....												
24a. Repayment to Federal Government.....												
Total debt service.....	\$ 5,000 00	\$ 5,000 00			\$ 5,000 00							
Total highway expenditures—Division of Highway.....	\$ 324,719,838 26	\$ 322,769,913 90	\$ 5,000 00		\$ 322,774,913 90	\$ 1,561,827 23					\$ 1,561,827 23	\$ 388,117 13
COUNTIES, TOWNSHIPS, AND MUNICIPALITIES: (FUND TRANSFERS AND ADVANCES)												
25. Refunds to counties—State Board of Equalization.....												
26. Refunds to counties—Sec. 15d of Road and Bridge Laws.....												
27. Refunds to municipalities.....												
28. Motor fuel tax allotments paid to counties.....	\$30,232,521 89							\$30,232,521 89			\$ 30,232,521 89	
29. Motor fuel tax allotments paid to municipalities.....	1,296,394 50							1,296,394 50			1,296,394 50	
29a. Flood damage repair funds paid to local units.....												
29b. Advance to counties for right-of-way purchased—Construction.....	1,703,506 90	1,703,506 90			1,703,506 90							
29c. Advance to municipalities to facilitate construction.....	1,296,554 43	1,296,554 43			1,296,554 43							
29d. Funds paid to counties for construction of secondary and feeder roads.....												
29e. Motor fuel tax allotments paid to counties for townships and road districts.....	14,948,612 97							14,948,612 97			14,948,612 97	
Total disbursements to counties, townships, and municipalities.....	\$ 99,470,520 69	\$ 3,000,661 33			\$ 3,000,661 33			\$36,232,521 89	\$51,269,394 50	\$14,948,612 97	\$ 96,470,520 36	
OTHER STATE DEPARTMENTS:												
30. Operation of State Automobile Department—Secretary of State.....	6,408,312 51	6,408,312 51			6,408,312 51							
31. Operators' License Department—Secretary of State.....	5,726,456 62	5,726,456 62			5,726,456 62							
32. Administration of Motor Fuel Tax Law—Department of Revenue.....	405,683 58						\$ 405,683 58				405,683 58	
33. Refunds on nontaxable motor fuel—Department of Revenue.....	13,886,830 04						13,886,830 04				13,886,830 04	
34. Administration of compensation for damages—Department of Finance.....												
35. Employees' compensation—Auditor of Public Accounts and Department of Finance.....	272,596 90	272,596 90			272,596 90							
36. Treatment expense of injured employees—Department of Finance.....	132,135 11	132,135 11			132,135 11							
37. Printing and Postage—Department of Finance and Department of Revenue.....												
38. Policing of highways—Department of Public Safety.....	12,693,297 74	12,693,297 74			12,693,297 74							
38a. Court of Claims Award—Auditor of Public Accounts.....	115,797 00	115,797 00			115,797 00							
38b. Operation of The Illinois State Toll Highway Commission.....	151,548 26	151,548 26			151,548 26							
38c. Architectural services—Division of Architecture and Engineering.....	218,963 34	218,963 34			218,963 34							
38d. Operation of Safety Responsibility Department—Secretary of State.....	255,177 65	255,177 65			255,177 65							
38e. Land and Office Building—Cook County—Secretary of State.....	33,146 75	33,146 75			33,146 75							
38f. Administration of Motor Vehicle Law—Secretary of State.....	43,970 81	43,970 81			43,970 81							
38g. Addition to Centennial Building—Springfield—Secretary of State.....	592,246 27	592,246 27			592,246 27							
38h. Transfers to State Boating Act Fund—available to Dept. of Conservation.....	210,000 00						210,000 00				210,000 00	
Total expenditures—other State departments.....	\$ 41,146,062 58	\$26,644,148 96			\$ 26,644,148 96	\$14,502,513 62					\$ 14,502,513 62	
DIVERSIONS:												
39. Allotments paid to City of Chicago for school purposes.....												
40. Allotments paid to State Common School Fund.....												
41. Principal and interest on \$20,000,000 Relief Bond Issue.....												
42. Principal and interest on \$90,000,000 Relief Bond Issue.....												
Total diversions.....												
Grand total expenditures.....	\$ 465,337,111 53	\$ 325,769,975 23	\$26,644,148 96		\$ 352,419,124 19	\$ 1,561,827 23	\$14,502,513 62	\$30,232,521 89	\$51,269,394 50	\$14,948,612 97	\$ 112,534,870 21	\$ 388,117 13
Balance in Funds—December 31, 1963.....	\$ 122,858,685 89	\$ 21,850,428 17	\$ 31,960 00		\$ 21,882,388 17	\$ 1,487,010 03	\$ 225 00	\$36,686,428 31	\$43,797,845 25	\$17,520,823 03	\$ 99,492,331 62	\$ 1,488,963 07
Less temporary transfers to General Revenue Fund.....								\$ 5,000,000 00	\$ 9,500,000 00	\$ 2,500,000 00	\$ 17,000,000 00	
Available balance in Funds—December 31, 1963.....						\$ 1,487,010 03	\$ 225 00	\$31,686,428 31	\$34,297,845 25	\$15,020,823 03	\$ 82,492,331 62	

¹ The transactions of the State Garage Revolving Fund are not included in this table. They are: opening balance \$318,950.78, receipts \$2,370,111.54, expenditures \$2,495,682.11, and closing balance \$193,389.21.

² Includes \$12,600.00 contractors' proposal guarantees retained in Protest Fund in State treasury pending disposition by court order.

³ Includes \$210,000.00 transferred to State Boating Act Fund for the use of the Department of Conservation. Line 38h. shows amount of actual transfer. Balance of State Boating Act Fund is not pertinent to this statement.

⁴ Includes \$2,555,467.38 consultant engineering fees charged to highway construction appropriations.

⁵ House Bill 1000 passed by the 72nd General Assembly authorized a temporary loan not to exceed \$34,000,000 by transfer from the Motor Fuel Tax Fund to the General Revenue Fund. Of this authorization \$17,000,000 was transferred in October 1961.

TABLE 14.—SUMMARY OF EXPENDITURES BY FUNDS FOR THE CALENDAR YEARS 1913-1963.
(EXCLUSIVE OF STATE GARAGE REVOLVING FUND)

Accounts	Total	Road Fund	State Bond Road Fund	General Revenue Fund	Motor Fuel Tax Fund	Trust Fund	Grade Crossing Protection Fund
DIVISION OF HIGHWAYS:							
Construction of Highways:							
1. Construction.....	\$2,356,809,008.30	\$1,959,948,497.37	\$142,887,084.16	\$ 562,255.90	\$248,741,445.41	\$4,669,725.46	-----
2. Additions and betterments—SBI and FA routes.....	15,164,727.51	14,572,762.18	353,012.70	-----	238,952.63	-----	-----
3. Additions and betterments—Erection of traffic signals.....	318,692.25	318,692.25	-----	-----	-----	-----	-----
4. Additions and betterments—No-passing zones.....	62,360.68	62,360.68	-----	-----	-----	-----	-----
5. Construction through municipalities—Special appropriations.....	1,170,422.62	1,170,422.62	-----	-----	-----	-----	-----
6. City highway and beltline construction.....	19,657,689.19	8,305,326.30	-----	-----	11,352,362.89	-----	-----
7. Construction of large bridges—Special appropriations.....	1,388,401.26	663,714.45	-----	724,686.81	-----	-----	-----
8. State-aid construction.....	4,132,734.71	4,132,734.71	-----	-----	-----	-----	-----
9. State-aid reconstruction.....	1,738,721.69	1,738,721.69	-----	-----	-----	-----	-----
10. Miscellaneous construction—Special appropriations.....	4,418,134.77	697,926.72	-----	1,303,343.04	-----	-----	-----
10a. Payments to Cook County for expressway construction.....	40,824,475.32	40,824,475.32	-----	-----	-----	-----	-----
10b. Payments to City of Chicago for expressway construction.....	117,201,249.71	117,201,249.71	-----	-----	-----	-----	-----
10c. Trust Fund reimbursement by State.....	586,173.10	586,173.10	-----	-----	-----	-----	-----
10d. Payments to St. Clair County—Access Roads.....	119,033.07	119,033.07	-----	-----	-----	-----	-----
10e. Bond service—Cook County expressway bonds.....	96,142,957.74	96,142,957.74	-----	-----	-----	-----	\$2,416,865.01
Total construction.....	\$2,659,734,781.92	\$2,246,485,047.91	\$143,240,096.86	\$2,590,285.75	\$260,332,760.93	\$4,669,725.46	\$2,416,865.01
Construction of Highway Buildings, Including Land:							
11. Construction of buildings and improvements.....	\$20,435,525.69	\$20,435,525.69	-----	-----	-----	-----	-----
11a. Construction of weighing stations (including mobile units).....	1,311,818.94	1,311,818.94	-----	-----	-----	-----	-----
Total construction of buildings.....	\$21,747,344.63	\$21,747,344.63	-----	-----	-----	-----	-----
Overhead Costs:							
12. Administration, engineering, testing and equipment.....	\$286,605,656.74	\$274,457,678.42	\$11,208,711.74	\$ 939,266.58	\$20,961,209.82	-----	-----
13. Administration expense—Motor Fuel Tax Law.....	20,961,209.82	-----	-----	-----	-----	-----	-----
14. Compensation for damages to private property.....	8,483.75	8,483.75	-----	-----	-----	-----	-----
15. Mechanical, engineering, and testing services to other State departments.....	18,294.14	-----	-----	18,294.14	-----	-----	-----
16. Statewide highway planning survey.....	23,407,912.28	23,407,912.28	-----	-----	-----	-----	-----
16a. Administering safety responsibility law.....	5,629,829.66	2,541,996.80	-----	3,087,832.86	-----	-----	-----
16b. Transportation study of Chicago metropolitan area.....	2,505,049.98	2,505,049.98	-----	-----	-----	-----	-----
Total overhead.....	\$339,136,436.37	\$302,921,121.23	\$11,208,711.74	\$4,045,393.58	\$20,961,209.82	-----	-----
Maintenance Costs:							
17. Maintenance of State highways.....	\$492,062,802.24	\$492,048,482.55	-----	\$14,319.69	\$7,434,768.88	-----	-----
18. Maintenance of city highways and beltlines.....	15,280,442.28	7,845,673.40	-----	-----	-----	-----	-----
19. Highway traffic control and safety.....	52,372,834.04	52,372,834.04	-----	-----	1,173,849.75	-----	-----
20. Maintenance and operation of garages.....	14,283,048.90	3,109,199.15	-----	-----	-----	-----	-----
Total maintenance.....	\$563,999,127.46	\$555,376,189.14	-----	\$14,319.69	\$8,608,618.63	-----	-----
Policing Costs:							
21. Policing of highways.....	\$14,089,773.28	\$14,089,773.28	-----	-----	-----	-----	-----
22. Construction, maintenance and operation of police radio stations.....	1,183,980.79	1,183,980.79	-----	-----	-----	-----	-----
Total policing.....	\$15,273,754.07	\$15,273,754.07	-----	-----	-----	-----	-----

[illegible]

Includes \$2,000,000 transferred from the Road Fund to the Garage Revolving Fund for the purchase of garage equipment.

FINANCING

The amounts retired and the amounts outstanding in the five bond issues are summarized below :

Bond Issue	Amount Issued	Amount Retired to 12-31-62	Amount Retired During 1963	Bonds Outstanding at 12-31-63
Highways.....	\$ 60,000,000	\$ 60,000,000		
Highways.....	100,000,000	99,970,000	\$ 5,000	\$ 25,000
Highways total.....	\$160,000,000	\$159,970,000	\$ 5,000	\$ 25,000
Emergency Relief.....	\$ 20,000,000	\$ 20,000,000		
Emergency Relief.....	30,000,000	30,000,000		
Total relief.....	\$ 50,000,000	\$ 50,000,000		
Cook County expressways.....	\$245,000,000	\$ 50,000,000	\$15,000,000	\$180,000,000

The redemption of the bonds was provided for either by a Cook County property tax levy or by State appropriations. The law also provided for establishing an Expressway Bond and Interest Sinking Fund account for deposit of funds made available for retirement of bonds and interest.

Since the purpose of the expressway bond issue is to construct State highways in Cook County, the State paid \$74,671,949.33 into the Cook County Expressway Bond and Interest Sinking Fund during the period from 1956 through 1962 for the service of this bond issue. In 1963 the State made payments totaling \$21,471,008.41 to Cook County for service on expressway bonds which together with earnings of the sinking fund will finance the following payments of principal and interest.

Bond Series	Principal		Interest	
	Amount	Due	Amount	Due
A.....	\$ 2,000,000.00	10-1-63	\$ 315,000.00 315,000.00	4-1-64 10-1-64
B.....	500,000.00	10-1-63	145,312.50 145,312.50	4-1-63 10-1-63
C.....	2,000,000.00	10-1-63	233,750.00 206,250.00	10-1-63 4-1-64
D.....	1,250,000.00 1,250,000.00	12-1-63 12-1-64	253,137.50 210,937.50	12-1-63 6-1-64
E.....	1,250,000.00 1,250,000.00	12-1-63 12-1-64	350,000.00 300,000.00	12-1-63 6-1-64
F.....	1,250,000.00 1,250,000.00	5-1-63 5-1-64	350,000.00 306,250.00	5-1-63 11-1-63
G.....	1,000,000.00	12-1-63	373,750.00 373,750.00	6-1-63 12-1-63
H.....	500,000.00 500,000.00	10-1-63 10-1-64	420,000.00 402,500.00	10-1-63 4-1-64
I.....	1,000,000.00 1,000,000.00	5-1-63 5-1-64	718,750.00 345,000.00 345,000.00	5-1-63 11-1-63 5-1-64
Total.....	\$16,000,000.00		\$6,109,700.00	
Total Principal and Interest.....	\$22,109,700.00			

IV. RIGHT-OF-WAY

1. GENERAL.—The Bureau of Right-of-Way has the responsibility of supervising the expenditure of funds for right-of-way required in connection with the improvement of the State highway system. Assistance and advice are provided for the district engineers of each of the ten districts in matters relative to the acquisition of right-of-way by purchase or condemnation. The actual negotiations with the property owners are carried out by the district right-of-way engineer, under the direct supervision of the district engineer.

The acquisition of right-of-way for interstate routes in the Chicago metropolitan area is a joint undertaking by the City of Chicago, County of Cook, and the State. Negotiations with property owners on the city and county portions are conducted by these agencies.

2. RIGHT-OF-WAY ACQUIRED IN 1963.—A total of \$34,900,844.66 was expended for the purchase of State highway right-of-way during 1963. Of this amount, \$21,509,638.66 was spent by the Division of Highways while the County of Cook expended \$8,574,138.00 and the City of Chicago \$4,817,068.00. The cost of right-of-way for interstate highways amounted to \$27,064,113.48 or 77.5 per cent of the total right-of-way expenditures; that for other Federal-aid primary highways \$7,502,943.09 or 21.5 per cent; for Federal-aid secondary routes \$274,552.91 or 0.8 per cent; and for other primary and secondary State routes \$59,235.18 or 0.2 per cent of the total. These expenditures are summarized by governmental unit acquiring the right-of-way in the following tabulation.

Government Purchasing Right-of-way	Primary System			Federal-aid Secondary	Other State	Total
	Federal aid		State Only			
	Interstate	Primary				
State of Illinois...	\$13,672,907.48	\$7,502,943.09	\$11,032.83	\$274,552.91	\$48,202.35	\$21,509,638.66
City of Chicago...	4,817,068.00	-----	-----	-----	-----	4,817,068.00
Cook County...	8,574,138.00	-----	-----	-----	-----	8,574,138.00
Total.....	\$27,064,113.48	\$7,502,943.09	\$11,032.83	\$274,552.91	\$48,202.35	\$34,900,844.66
Per Cent.....	77.5	21.5	0.1	0.8	0.1	100.00

A breakdown of the costs of right-of-way purchased by the State into right-of-way and incidental expense follows:

System	Expended for		Total
	Right-of-way	Incidental Items	
Interstate.....	\$12,421,692.54	\$1,251,214.94	\$13,672,907.48
Primary, Secondary, and Other.....	6,847,752.17	988,979.01	7,836,731.18
Total.....	\$19,269,444.71	\$2,240,193.95	\$21,509,638.66

RIGHT-OF-WAY

Table 15 summarizes right-of-way programed for Federal reimbursement by districts for interstate and other Federal-aid primary highways. State purchases of right-of-way are further analyzed in Table 16. In this table the number of parcels, the acreage, and the cost is given by district and system.

TABLE 15.—RIGHT-OF-WAY PURCHASED BY THE DIVISION OF HIGHWAYS DURING 1963 WHICH IS PROGRAMED FOR FEDERAL REIMBURSEMENT

District	Number of Parcels	Acres	Expenditures	Per Cent Participation	
				Federal	State
FEDERAL-AID INTERSTATE					
1-----	247	187.804	\$ 3,097,054.02	90	10
2-----	48	459.271	851,287.90		
3-----	34	387.695	497,587.53		
4-----	87	713.143	788,611.01		
5-----	122	1,118.925	2,202,962.96		
6-----			17,710.62		
7-----	93	735.063	549,915.76		
8-----	237	787.903	2,220,207.96		
9-----	112	262.093	904,530.89		
10-----	108	261.046	2,524,422.61		
Total-----	1,088	4,912.943	\$13,654,291.26		
OTHER FEDERAL-AID HIGHWAYS					
1-----	1	.067	6,343.27	50	50
2-----	59	76.812	489,347.32		
3-----					
4-----	36	43.851	374,865.02		
5-----	10	.655	110,998.97		
6-----	1	1.100	8,582.98		
7-----			3,126.50		
8-----					
9-----	7	.274	36,865.37		
10-----	112	100.080	2,548,395.56		
Total-----	226	222.839	\$3,578,524.99		

RIGHT-OF-WAY

TABLE 16.—RIGHT-OF-WAY ACQUIRED BY DIVISION OF HIGHWAYS, 1963.

District	Parcels	Acres	Cost
ON INTERSTATE HIGHWAYS			
1-----	249	187.912	\$ 3,099,823.68
2-----	48	459.271	851,773.50
3-----	34	387.695	497,485.11
4-----	87	713.143	788,717.26
5-----	122	1,118.925	2,203,177.96
6-----			17,785.72
7-----	93	735.063	550,292.76
8-----	238	787.970	2,220,394.29
9-----	112	262.093	904,860.89
10-----	108	261.046	2,538,596.31
Total-----	1,091	4,913.118	\$13,672,907.48
ON OTHER STATE PRIMARY AND SECONDARY HIGHWAYS			
1-----	162	81.395	\$ 964,931.28
2-----	178	220.465	1,147,582.02
3-----	129	32.668	229,582.84
4-----	149	294.136	915,106.30
5-----	89	115.556	471,594.95
6-----	61	157.353	408,583.84
7-----	63	204.571	200,528.90
8-----	45	68.165	274,445.30
9-----	126	229.331	402,382.26
10-----	149	102.660	2,821,993.49
Total-----	1,151	1,506.300	\$7,836,731.18
ALL RIGHT-OF-WAY ACQUIRED			
1-----	411	269.307	\$ 4,064,754.96
2-----	226	679.736	1,999,355.52
3-----	163	420.363	727,067.95
4-----	236	1,007.279	1,703,823.56
5-----	211	1,234.481	2,674,772.91
6-----	61	157.353	426,369.56
7-----	156	939.634	750,821.66
8-----	283	856.135	2,404,839.59
9-----	238	491.424	1,307,243.15
10-----	257	363.706	5,360,589.80
Total-----	2,242	6,419.418	\$21,509,638.66

V. DESIGN

1. GENERAL.—The general administrative control and supervision of all highway activities relating to location, planning, design of State highways, highway structures, and incidentals; the programming and execution of highway projects financed with State highway funds; the development and preparation of highway and structure design standards, proposals, contracts, specifications for road and bridge construction, and the awarding of State highway contracts, are performed by the Bureau of Design.

The duties of the Bureau of Design are supervised by the Engineer and Assistant Engineer of Design and executed by the Special Assignments Unit and four Section Engineers whose sections are made up of units as follow: (1) The Road Plans and Contracts Section, a composite of Plans Unit, Proposals and Contracts Unit, Specifications and Road Standards Unit, and Cost Estimates Unit; (2) The Location and Roadway Planning Section, a composite of Location and Access Control Unit, Electrical and Mechanical Design Unit, Geometric Design Unit, Roadside Development Unit, Federal-aid Unit, and Railroad Crossing Unit; (3) The Bridge and Traffic Structures Section, a composite of Bridge Planning Unit comprised of two planning squads, Foreign Plans Unit, Inventory Ratings and Investigations Unit, Shop Plans and Inspection Unit, Plan Review, Estimating and Special Provisions Unit, and a Bridge Design Unit comprised of seven design squads; (4) and The Aerial Surveys Section, a composite of Surveys and Computations Unit, Plotting and Mapping Unit, and Aerial Photography Unit. Through these four sections and through the counterpart of the Bureau in each of the ten Highway District Offices, the Bureau of Design performs all phases of State highway design and related field work for the Division. Additional details concerning the operation of the Road Plans and Contracts Section and the Bridge and Traffic Structures Section are given on page 26 of the 1951 Annual Report.

2. DESIGN PROGRAM.—The total obligations incurred in 1963 for all State highway construction, exclusive of right-of-way and preliminary engineering cost, amounted to \$234,300,911.55. Of this total \$11,327,740.46 is not accounted for in the detailed tabulation of this report. It includes monies obligated by highway contract agreements, adjustments made with utility and railroad companies, additions and betterments, incidentals to 1963 construction, agreements with other agencies, and Cook County and the City of Chicago utility and railroad grade crossing protection projects. The difference between these obligations and the total obligations incurred during 1963 amounts to \$222,973,171.09. This figure represents the total contracts awarded for State highway improvements by the State, Cook County, and by the City of Chicago during 1963, and are sum-

DESIGN

marized by system and by government making the award in the following tabulation.

Highway System	Class of Government							
	State of Illinois		Cook County		City of Chicago		Total	Per Cent of Total
	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	Amount	
Interstate.....	\$115,157,169.58	54.4	\$8,242,915.20	83.9	\$1,275,867.70	100.0	\$124,675,952.48	55.9
Other Primary.....	70,220,751.44	33.1	1,587,703.26	16.1	-----	-----	71,808,454.70	32.2
Secondary.....	25,498,931.81	12.0	-----	-----	-----	-----	25,498,931.81	11.4
Other (Part E).....	989,832.10	0.5	-----	-----	-----	-----	989,832.10	0.5
Total.....	\$211,866,684.93	100.0	\$9,830,618.46	100.0	\$1,275,867.70	100.0	\$222,973,171.09	100.0
Per cent of total	95.0		4.4		0.6		100.0	

Of the total highway contracts awarded by the State, Cook County, and the City of Chicago, during 1963, \$163,791,565.75 was for regular construction, itemized in Part A of Table 22; \$32,588,866.96 was for rehabilitation and widening of existing State highways and highway structures, itemized in Part B; \$3,729,583.91 was for highway maintenance contracts, itemized in Part C; \$3,224,257.69 was for contracts awarded to the State day labor section of the Bureau of Maintenance on miscellaneous construction and maintenance work of an extraordinary nature, itemized in Part D; and \$989,832.10 was for miscellaneous nonhighway improvements, itemized in Part E. Contracts awarded on the Federal-aid secondary road system, financed with Federal-aid secondary and matching State and county funds, totaling \$18,649,064.68, are shown in the recapitulation of Table 22. However, the detailed list of these contracts is given in Table 56 of Local Roads and Streets.

Nine highway contract lettings were held by the State during 1963. Of the total 808 contracts advertised which includes those re-advertised, 81 were rejected, 1 received no bids, 9 were withdrawn from the lettings, and 717 were awarded. There were 3,156 bids submitted, averaging 4 bidders per contract. In addition, 14 contracts were awarded pending from 1962, 197 were awarded to State day labor section of the Bureau of Maintenance, 3 were awarded to county day labor forces, 23 were awarded by Cook County, 5 by the City of Chicago, and 35 railroad crossing protection installations or other crossing improvements were awarded to their respective railroad companies, making a total of 994 contracts for highway improvements placed under construction by the State, Cook County, and the City of Chicago during 1963.

DESIGN

3. INTERSTATE HIGHWAY CONTRACTS.—Contracts awarded by the State, Cook County, and the City of Chicago for construction and improvement of interstate highways during 1963 included the following:

SURFACING:

7.62 miles portland cement concrete pavement, divided 6-lane.....	\$14,554,133.75
80.33 miles portland cement concrete pavement, divided 4-lane.....	41,755,753.56
3.25 miles portland cement concrete pavement, 2-lane	1,276,146.11
8.12 miles bituminous concrete surface on existing rigid-type base.....	804,090.19
4.18 miles flexible base with bituminous surface treatment.....	705,834.29
0.15 mile rigid-type base with bituminous concrete surface.....	146,151.17
3.41 miles gravel or crushed-stone base course.....	564,746.52
2.50 miles gravel or crushed-stone surface course.....	396,892.52
2,178 sq. yds. pavement patching, concrete.....	65,988.00
78 sq. yds. pavement patching, bituminous.....	1,585.00
919 sq. yds. miscellaneous pavement patching (by Day Labor).....	19,687.00
Total surfacing	<u>\$60,291,008.11</u>

GRADING:

7.43 miles roadway construction	\$12,365,220.04
0.76 miles channel excavation	1,328,276.99
0.51 mile special excavation	259,312.96
Total grading	<u>\$13,952,809.99</u>

STRUCTURES:

48 bridges	\$13,971,500.79
2 pedestrian overpasses	120,177.34
96 highway grade separation structures.....	17,786,306.43
27 railroad grade separation structures.....	4,681,696.42
5 railroad subway structures	2,353,366.97
1 combination bridge-highway grade separation structure	304,635.67
10 combination highway-railroad grade separation structures.....	1,962,345.99
6 reinforced concrete box culverts	712,796.10
17 bridges, cleaned and painted.....	59,025.00
4 bridges, repaired	28,689.50
Total structures	<u>\$41,980,540.21</u>

MISCELLANEOUS:

86.80 miles roadside landscaping.....	\$ 1,351,072.75
100.83 miles highway traffic signing	877,320.69
32.09 miles highway traffic signing and delineators.....	231,531.24
41.05 miles highway fencing.....	204,380.71
22.55 miles highway lighting installations	673,489.45
1,720 buildings removed from right-of-way.....	561,812.65
2.16 miles highway road guard construction	19,605.00
13.83 miles bituminous stabilized shoulders	259,625.68
125.20 miles highway roadside mowing.....	308,648.21
40.00 miles highway shrub beds cultivated	22,518.86
Highway drainage improvements	1,803,299.31
Hydraulic flume	1,380,831.61
Traffic control signal installations	25,756.38
Minor highway repairs	108,622.68
Other improvements	623,078.95
Total miscellaneous	<u>\$ 8,451,594.17</u>
Total all work, interstate system.....	<u><u>\$124,675,952.48</u></u>

The interstate highway improvements tabulated above are listed by contracts in Table 22.

In previous years highway contracts awarded by Cook County and the City of Chicago were not summarized in Table 17; therefore, in order to maintain the same tabulation of interstate and other primary highway improvements listed in Table 17 as shown for previous years, awards made by Cook County and the City of Chicago have been omitted.

DESIGN

4. PRIMARY HIGHWAY CONTRACTS.—Contracts awarded by the State and Cook County during 1963, for new construction, reconstruction, and the rehabilitation of primary highways, excluding interstate, included the following:

SURFACING:

4.00 miles portland cement concrete pavement, divided 6-lane.....	\$ 3,223,175.11
14.01 miles portland cement concrete pavement, divided 4-lane.....	9,765,823.38
45.55 miles portland cement concrete pavement, 2-lane.....	10,889,628.98
37.90 miles full-width rigid base course	9,406,581.81
1.74 miles full-width flexible base course	311,714.09
29.65 miles pavement widening, concrete	3,094,204.56
24.69 miles pavement widening, bituminous	1,109,255.78
379.40 miles bituminous surfacing on existing pavement, continuous.....	11,148,623.29
75.41 miles bituminous surfacing on existing pavement, intermittent.....	1,518,356.38
47.54 miles bituminous seal coat on existing pavement.....	145,303.51
0.80 mile flexible base with bituminous surface treatment.....	199,010.51
30.32 miles bituminous surface treatment of existing bituminous surface....	74,532.71
36,500 sq. yds. pavement patching, concrete	691,569.43
37,292 sq. yds. pavement patching, bituminous	665,464.93
16,254 sq. yds. miscellaneous pavement patching (by Day Labor).....	344,906.00
Total surfacing	\$52,588,150.47

GRADING:

11.71 miles roadway construction	\$ 1,335,326.52
0.40 mile roadway drainage improvements	12,910.40
Channel drainage improvements	99,804.50
Total grading	\$ 1,448,041.42

STRUCTURES:

12 bridges	\$ 1,082,781.80
17 highway grade separation structures	1,774,496.04
6 railroad grade separation structures	1,804,205.19
2 railroad subway structures	290,076.74
2 combination bridge-highway grade separation structures.....	1,122,668.76
1 combination bridge-railroad grade separation structure.....	203,400.60
5 reinforced concrete box culverts	155,169.57
10 bridges, widened	654,791.32
66 bridges, improved and repaired	1,653,582.90
68 bridges, cleaned and painted	216,432.18
20 highway grade separation structures, repaired.....	341,368.15
3 railroad grade separation structures, repaired	31,766.00
16 bridges, walks, or railings repaired or replaced.....	85,899.90
Total structures	\$ 9,416,639.15

MISCELLANEOUS:

27 railroad grade crossings repaired or improved.....	\$ 513,415.99
20.74 miles highway shoulder improvements	109,130.35
74.91 miles highway pavement markings	148,008.92
841.70 miles roadside mowing	128,294.75
1.82 miles storm sewer construction	396,971.10
10.66 miles highway traffic signing	44,957.35
Highway signing at interchanges	184,578.81
8.77 miles highway lighting	330,488.62
19.69 miles roadside landscaping	234,594.52
3.18 miles highway fencing	61,287.11
3,820.55 miles roadside weed control spraying	82,334.51
65 buildings removed from right-of-way	24,832.50
Highway traffic control signals	1,225,428.98
Patrolling, inspecting, servicing and maintaining traffic signals, high- way lighting, signing, pumping stations, etc., and replacing damaged units during 1963 throughout Districts 1 and 10.....	1,672,203.80
Utility adjustments	38,814.00
Detour, sand beach extension and pedestrian structures in Cook County	1,587,703.26
Total miscellaneous improvements listed in primary portion of Day Labor Report	1,398,652.23
Other miscellaneous improvements	173,926.86
Total miscellaneous	\$ 8,355,623.66
Total all work, primary system.....	\$71,808,454.70

The noninterstate primary highway improvements tabulated above are listed by contracts in Table 22.

In order to maintain the tabulation of improvements awarded by the State as shown for previous years in Table 17, contracts awarded by Cook County and the City of Chicago have been omitted.

TABLE 17.—SUMMARY OF PRIMARY HIGHWAY CONTRACTS (INCLUDING FEDERAL-AID INTERSTATE) AWARDED BY THE STATE FROM 1918 THRU 1929 AND ANNUALLY FROM 1930 TO 1963 INCLUSIVE

Year	Rigid-type Pavement ¹		Bituminous Surface on Gravel or Crushed-stone Base ²		Gravel or Crushed Stone		Grading ³		Structures ⁴		Miscellaneous Items ⁵	Total Cost
	Miles	Cost	Miles	Cost	Miles	Cost	Miles	Cost	No.	Cost	Cost	
1918	6,398.75	\$180,977,894.27					1,768.06	\$19,765,795.01	1,487	\$21,239,693.95		\$ 221,983,383.23
Thru	943.18	24,361,360.36					152.05	2,162,973.57	136	2,692,560.27		29,216,894.20
1929	851.65	20,674,468.63					169.04	1,932,957.25	138	3,243,492.85		25,850,918.73
1930	966.31	21,653,238.74					190.02	1,895,751.32	169	3,525,399.65		27,074,389.71
1931	318.35	10,668,618.73					42.47	643,000.10	73	1,979,479.13		13,364,542.78
1932	327.29	12,109,016.10					105.63	1,597,610.65	129	4,717,863.41		18,479,690.43
1933	188.30	9,422,414.96	1.11	\$ 11,581.43	0.92	43,618.84	117.80	2,342,939.73	86	3,494,429.76	\$ 31,169.49	15,407,763.95
1934	195.78	10,904,152.33	0.81	19,965.66	42.75	456,181.85	130.82	2,618,921.15	128	7,113,311.90	151,081.16	21,263,614.05
1935	159.82	7,618,065.49					146.13	2,146,642.80	97	3,331,017.45	53,576.00	14,040,873.34
1936	194.08	9,879,465.49	71.92	460,027.13	93.08	891,571.60	74.27	1,316,976.05	70	3,907,178.43	18,770.90	16,327,494.65
1937	169.37	9,722,071.99	81.84	788,941.72	24.18	381,336.47	68.37	1,468,430.66	67	3,185,949.08	241,461.83	15,788,191.75
1938	178.14	7,531,631.24	24.16	271,963.03	63.05	1,046,002.97	88.02	1,801,582.16	38	2,088,929.55	508,172.66	13,248,281.61
1939	112.84	7,287,661.71	17.15	246,833.30	13.47	365,087.91	12.67	249,932.21	36	3,143,428.81	360,247.61	11,653,191.55
1940	278.75	15,546,937.21		88,313.18	11.57	73,817.33	12.26	725,263.53	20	713,813.53	5,000.00	17,153,144.78
1941	149.05	9,684,627.25	18.23	262,924.28	10.71	114,926.07	1.15	134,035.24	5	309,888.59	28,052.56	10,534,453.99
1942	215.00	9,003,166.62	1.65	294,142.53	1.91	47,334.88	1.75	320,495.87	14	429,325.66	72,906.34	10,167,371.90
1943	207.83	9,494,309.89		301,986.07	0.90	44,924.17		527,017.84	22	1,329,042.96	255,316.65	11,952,597.58
1944	180.28	8,937,963.46	42.01	428,314.96	6.35	296,468.77		274,695.67	29	2,788,282.15	550,635.67	13,276,360.68
1945	332.65	16,991,253.50	28.51	619,200.80	1.50	57,478.53	11.83	1,448,207.65	42	3,791,027.50	540,322.22	23,447,490.20
1946	130.21	10,690,263.73	10.52	223,422.04	10.14	445,049.46	43.77	3,694,321.53	28	4,392,732.87	1,362,298.50	20,808,088.13
1947	269.81	20,484,006.43	54.79	864,297.81	0.50	41,942.75	2.82	409,674.12	33	4,392,104.94	480,183.15	26,672,209.20
1948	166.99	10,541,566.55	14.05	97,720.06	0.38	22,499.87	0.76	211,710.37	17	2,122,684.34	726,653.34	13,722,834.53
1949	578.53	32,589,431.82	12.56	237,494.65			9.60	524,194.94	66	5,720,996.03	1,367,559.66	40,439,677.10
1950	1,081.51	61,872,623.68	105.22	2,109,239.09			4.32	1,187,178.24	79	9,938,257.23	2,411,641.09	77,518,939.33
1951	446.05	30,654,204.85	28.89	795,926.99			3.43	923,073.23	110	13,108,725.63	982,243.33	46,464,174.03
1952	717.64	43,456,714.64	17.34	243,793.04			2.11	1,151,936.22	138	15,689,551.99	2,735,265.12	62,977,261.01
1953	416.70	43,493,537.82	61.87	1,081,026.33			0.68	788,734.45	85	15,865,443.70	3,070,766.42	64,299,508.72
1954	540.39	44,785,993.93	49.37	2,602,538.85			32.09	3,067,486.38	108	16,011,210.53	4,036,223.76	70,503,453.45
1955	677.52	36,640,709.15	26.49	1,584,938.55			27.90	4,506,176.73	167	36,580,830.49	9,660,341.00	88,972,986.92
1956	1,693.70	80,439,657.12	18.69	1,375,919.77	78.03	4,054,615.68	34.09	2,794,857.57	166	40,077,166.08	6,984,517.41	135,726,624.63
1957	433.82	93,604,201.65	90.21	1,973,203.14	0.39	64,149.87	41.78	2,519,432.54	177	32,553,234.90	9,202,115.13	139,916,337.23
1958	804.62	88,796,450.00	34.69	1,993,251.07			32.35	7,329,982.66	240	35,287,332.57	15,250,361.11	148,657,377.41
1959	533.12	73,972,728.04	13.63	1,162,105.91	2.89	352,965.08	43.55	2,569,834.98	132	23,334,504.40	14,330,544.66	115,722,683.07
1960	884.38	98,255,289.71	20.15	1,881,997.14	8.39	1,198,683.64	36.20	3,404,944.75	260	38,115,180.28	13,667,119.09	156,523,205.61
1961	655.74	110,555,657.14	4.98	1,050,148.31	7.65	1,273,353.13	20.56	15,001,562.13	218	40,845,652.28	16,651,548.03	185,377,921.02
1962												
1963												
Total	22,308.15	\$1,253,001,336.23	856.16	\$23,187,917.85	448.76	\$12,095,530.34	3,428.35	\$93,458,329.30	4,810	\$407,059,722.89	\$105,731,093.89	\$1,924,533,930.50

Note: Contracts awarded by Cook County and the City of Chicago on interstate and other primary highways are not included in this table.

¹ Mileage includes bituminous surfacing of existing pavements, but not seal coats on existing bituminous surfaces, nor pavement patching, or pavement lane widening, but cost includes all four of these items.

² Cost includes seal coats but seal coat mileage is excluded.

³ Consists only of grading contracts awarded separately from surfacing.

⁴ Consists only of structure contracts tabulated separately from surfacing. Includes bridges, grade separation structures, and special structures.

⁵ Includes such items as railroad grade crossing protection, landscaping, traffic control signals, highway lighting, sidewalks, etc.

TABLE 18.—SUMMARY OF SECONDARY ROAD CONTRACTS AWARDED BY THE STATE FROM 1933 THRU 1942 AND ANNUALLY FROM 1943 TO 1963 INCLUSIVE

Year	Rigid-type Pavement ¹		Bituminous Surface on Gravel or Stone Base ²		Gravel or Crushed Stone ³		Grading ⁴		Structures ⁴		Miscellaneous Items ⁵	Total Cost
	Miles	Cost	Miles	Cost	Miles	Cost	Miles	Cost	No.	Cost		
1933 Thru												
1942-----	129.70	\$ 5,805,660.07	437.65	\$ 2,198,482.33	890.22	\$ 8,892,813.96	465.89	\$ 4,179,015.84	261	\$ 6,140,326.41	\$ 371,330.99	\$ 27,587,629.60
1943-----	19.38	747,741.33	16.26	168,227.47	22.22	325,247.73	0.56	20,836.65	5	201,148.68	13,494.80	1,476,696.66
1944-----	22.81	805,464.67	22.94	292,709.39	21.51	291,343.64	0.78	18,937.50	-----	7,603.00	8,550.00	1,424,608.20
1945-----	16.55	578,905.81	-----	170,536.87	14.09	232,012.25	-----	36,618.98	-----	-----	9,432.26	1,027,506.17
1946-----	15.71	495,613.35	14.87	221,237.37	17.95	412,884.21	3.71	154,579.46	10	415,441.03	27,730.58	1,727,486.00
1947-----	57.78	2,411,603.43	161.67	2,813,024.80	153.68	3,222,092.24	27.50	435,855.38	17	715,187.68	35,446.00	9,633,209.53
1948-----	8.45	852,921.76	145.05	3,596,940.14	175.44	4,081,884.47	22.84	594,337.16	22	2,105,393.44	59,371.76	11,290,848.73
1949-----	17.93	710,587.67	86.54	1,511,091.90	29.07	710,902.70	12.63	192,778.93	12	537,534.52	122,158.64	3,785,054.36
1950-----	6.30	286,456.04	97.83	1,561,673.09	94.17	1,369,801.02	11.62	176,226.21	11	577,441.31	158,483.10	4,130,080.77
1951-----	19.69	951,849.88	81.35	1,597,737.83	51.06	1,058,978.27	10.62	564,539.68	13	689,815.02	69,642.63	4,932,563.31
1952-----	38.30	1,834,170.46	220.83	4,488,003.27	87.25	1,983,171.76	18.83	285,781.22	20	1,204,636.23	263,382.21	10,059,145.15
1953-----	56.07	2,601,049.28	285.77	7,326,834.26	142.37	3,241,836.72	20.08	360,152.21	31	1,422,198.32	230,426.68	15,182,497.47
1954-----	9.35	497,045.51	215.02	4,342,166.56	91.15	1,731,106.45	11.90	137,890.39	22	979,771.87	315,658.98	8,003,639.76
1955-----	64.59	2,753,059.21	344.70	6,927,467.78	146.23	2,479,224.75	26.96	456,048.21	59	3,149,576.80	461,646.91	16,227,023.66
1956-----	56.75	2,763,053.01	306.54	7,526,801.50	148.85	3,462,362.01	7.34	216,814.92	32	2,013,524.71	430,080.05	16,412,636.20
1957-----	52.30	2,352,939.44	329.84	8,384,424.32	141.34	3,288,658.94	24.08	460,246.55	51	2,794,080.08	627,107.77	17,907,457.10
1958-----	87.42	5,698,177.40	552.06	14,314,033.80	190.50	4,735,658.17	28.68	754,010.91	87	5,460,774.10	219,512.51	31,182,166.89
1959-----	41.90	3,373,734.63	247.92	7,625,752.42	103.58	3,323,693.75	-----	-----	45	3,254,797.91	719,300.46	18,297,279.17
1960-----	64.82	7,388,775.70	234.59	8,930,220.24	127.87	3,670,709.36	11.84	286,251.45	35	2,742,173.76	1,938,910.72	24,957,041.23
1961-----	145.77	8,795,478.15	191.20	7,068,363.37	108.10	2,697,724.29	9.16	267,387.83	51	3,561,705.20	842,104.10	23,232,762.94
1962-----	93.35	7,649,696.99	233.47	9,805,704.13	110.32	3,396,462.45	7.70	1,198,367.19	57	2,343,932.93	2,320,451.98	26,714,615.67
1963-----	92.34	10,865,163.75	136.21	7,835,407.54	117.09	2,936,057.68	6.85	147,208.60	34	2,550,848.06	1,164,246.18	25,498,931.81
Total-----	1,117.26	\$70,219,147.54	4,362.31	\$108,706,840.38	2,984.06	\$57,544,626.82	729.57	\$10,943,885.27	875	\$42,867,911.06	\$10,408,469.31	\$300,690,850.38

Note: This table includes all contracts for secondary roads awarded by the State on Federal-aid secondary road system, secondary roads established prior to the Federal-aid secondary road system, State-aid roads, and includes roads serving State parks and institutions, scenic roads, roads approved for construction by Senate and House bills, and Federal financed forest highways and defense access roads.

¹ Mileage and cost includes portland cement concrete pavements, full width rigid-type base, and bituminous concrete surfacing of rigid-type pavements, but mileage does not include bituminous surface treatment, seal coats, base repairs, patching, or pavement lane widening, but cost includes all of these items.

² Cost includes seal coats on existing bituminous surfaces and of flexible base repairs, but mileage is excluded.

³ Includes mileage and cost of shale and soil-cement surfaced roads.

⁴ Includes only grading contracts awarded separately from surfacing.

⁵ Consists only of bridge and highway structure contracts tabulated separately from surfacing or grading.

⁶ Includes such items as railroad grade crossing protection, landscaping, highway lighting, traffic control signals, etc.

DESIGN

5. SECONDARY ROAD CONTRACTS.—The total of all contracts awarded by the State on the secondary road system during 1963 for new construction, maintenance work of an extraordinary nature, and miscellaneous improvements on existing roads, provided for the following:

SURFACING:

0.96 mile portland cement concrete pavement, divided 6-lane.....	\$ 835,303.36
4.25 miles portland cement concrete pavement, divided 4-lane.....	3,266,210.27
7.71 miles portland cement concrete pavement, 2-lane.....	1,875,802.75
2.77 miles full-width rigid base course	938,961.14
2.33 miles full-width rigid base course with bituminous concrete surface..	571,443.26
74.32 miles bituminous concrete surfacing of existing rigid pavement.....	2,874,437.04
8.24 miles rigid base course widening	375,076.80
13.04 miles flexible base with bituminous concrete surface.....	831,988.04
123.17 miles flexible base with bituminous surface treatment.....	6,459,945.17
78.45 miles bituminous surface treatment on existing flexible base.....	410,507.70
50.80 miles bituminous seal coat on existing bituminous surface.....	132,966.63
113.31 miles gravel or crushed-stone surface course.....	2,765,418.24
3.78 miles gravel or crushed-stone base course.....	130,070.64
2.18 miles gravel or crushed-stone base course widening.....	40,568.80
1,277 sq. yds. pavement patching, concrete	25,018.16
4,895 sq. yds. pavement patching, bituminous.....	102,910.97
Total surfacing	\$21,636,628.97

GRADING:

6.85 miles roadway reconditioning	\$ 147,208.60
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STRUCTURES:

34 bridges	\$ 2,550,848.06
29 bridges or grade separation structures repaired.....	311,804.90
9 reinforced concrete box culverts	156,263.87
1 bridge widened	21,006.35

Total structures	\$ 3,039,923.18
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MISCELLANEOUS:

1.69 miles highway drainage improvements	\$ 36,665.29
13 units railroad grade crossing improvements	279,555.21
0.96 mile highway lighting installations	89,764.26
5.78 miles roadside landscaping	48,454.50
2 reinforced concrete box culverts extended.....	15,195.80
Traffic control signal installations	93,392.68
Other miscellaneous improvements	112,143.32

Total miscellaneous	\$ 675,171.06
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Total all work, secondary system.....	\$25,498,931.81
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The above tabulation of secondary road improvements is a summary of all secondary road contracts listed in Table 22 of this Section and all Federal-aid secondary road contracts listed in Table 56, Section XIII, Local Roads and Streets.

6. HIGHWAY MAINTENANCE CONTRACTS. — Highway contracts awarded by the State during 1963 to private contractors for maintenance work on highway roadbeds, roadsides, shoulders, medians, traffic structures, etc., for such work as shoulder rehabilitation, weed control spraying, servicing traffic signals, cleaning and painting highway structures, etc., are listed as extraordinary maintenance work in Part C of Table 22, and summarized as follows:

ON INTERSTATE SYSTEM

3.37 miles roadway slope rehabilitation	\$ 58,645.75
125.20 miles roadside mowing	308,648.21
59.00 miles tree spraying	16,049.36
40.00 miles shrub beds cultivated	22,518.86
15.00 miles roadside fertilizing	9,120.13
17 bridges cleaned and painted	59,025.00
Pavement joints and cracks, cleaned and filled	137,016.00
Traffic signs repaired	9,041.00
Fencing and guard rails repaired	87,093.60
Ramps rehabilitated	3,367.95

Total on interstate system	\$ 710,525.86
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DESIGN

ON PRIMARY SYSTEM	
(Excluding interstate)	
3,820.55 miles roadside weed control spraying	\$ 82,334.51
841.70 miles roadside mowing	128,294.75
10.00 miles shrub beds cultivated	2,977.14
68 bridges cleaned and painted	216,432.18
17 bridges repaired	572,568.80
3 highway grade separation structures repaired	99,166.65
2 railroad grade separation structures repaired.....	76,476.45
Complete servicing of traffic signals throughout Districts 1 and 10....	1,672,203.80
Total on primary system (excluding interstate).....	\$ 2,850,454.28
ON SECONDARY SYSTEM	
14 bridges repaired	\$ 151,147.85
1 railroad grade separation structure repaired	4,959.30
1 railroad subway structure removed.....	7,435.17
1 railroad grade separation structure cleaned and painted.....	3,881.45
Pavement rehabilitation	1,180.00
Total on secondary system	\$ 168,603.77
Total all systems, Part C.....	\$ 3,729,583.91

7. STATE DAY LABOR HIGHWAY CONTRACTS.—Contracts awarded by the State to the State Day Labor Section of the Bureau of Maintenance for original construction and maintenance work of an extraordinary nature, are listed in Part D of Table 22.

State day labor contracts awarded during 1963 totaled \$3,224,-257.69. Of this total \$1,407,579.25 was financed from the State highway maintenance fund, of which \$48,376.50 was expended on interstate highways, \$1,241,677.00 on primary highways, and \$117,525.75 on secondary roads for extraordinary maintenance work; and \$1,816,-678.44 was financed from the State highway construction fund, of which \$63,128.25 was expended on interstate highways, \$1,603,470.89 on primary highways, \$130,079.30 on secondary road improvements, and \$20,000.00 was for construction of nonhighway improvements. All of which provided for the following improvements:

ON INTERSTATE SYSTEM	
SURFACING:	
919 sq. yds. pavement patching	\$ 19,687.00
STRUCTURES:	
3 highway grade separation structures repaired.....	\$ 27,544.50
1 railroad grade separation structure repaired.....	1,145.00
Total structures	\$ 28,689.50
MISCELLANEOUS:	
0.95 mile landscaping and drainage improvements.....	\$ 50,648.25
1.57 miles cable road guard.....	12,480.00
Total miscellaneous	\$ 63,128.25
Total day labor work on interstate system.....	\$ 111,504.75
ON PRIMARY SYSTEM	
(Excluding interstate)	
SURFACING:	
47.54 miles bituminous seal coat on existing pavement.....	\$ 145,303.51
0.74 mile bituminous concrete surface on existing pavement.....	44,514.00
16,254 sq. yds. pavement patching	344,906.00
Total surfacing	\$ 534,723.51
STRUCTURES:	
47 bridges, improved or repaired	\$ 534,653.60
15 highway grade separation structures improved or repaired.....	165,725.05
1 temporary bridge	88,002.00
3 railroad grade separation structures repaired	31,766.00
1 pedestrian bridge	3,681.40
1 reinforced concrete culvert	2,044.20
7 bridges, walks repaired or replaced	28,769.10
9 bridges, railings repaired or replaced	57,130.80
Total structures	\$ 911,772.15

DESIGN

MISCELLANEOUS:

15.84 miles road guards	\$ 303,266.00
39 units roadside rest-stops	289,245.25
33 units historical marker sites	139,147.18
59.14 miles flexible shoulder improvements	161,803.25
39.82 miles bituminous undersealing of pavements.....	114,291.30
3,278 lin. ft. cutting and filling expansion joints.....	23,898.00
16.51 miles shoulder rehabilitation	53,919.35
6 miles roadside grading	22,713.75
Culvert headwalls removed to side-slope grade.....	71,462.25
Sawed expansion joints	89,405.50
Other	129,500.40
Total miscellaneous	\$ 1,398,652.23
Total day labor work on primary system (excluding interstate)	\$ 2,845,147.89

ON SECONDARY SYSTEM

SURFACING:

19.05 miles bituminous seal coat on existing bituminous surface.....	\$ 33,519.35
0.16 mile flexible base with bituminous concrete surface.....	14,933.00
671 sq. yds. pavement patching.....	12,729.00
Total surfacing	\$ 61,181.35

STRUCTURES:

10 bridges repaired	\$ 110,368.70
1 highway grade separation structure repaired.....	12,542.00
1 railroad grade separation structure repaired.....	22,605.05
2 bridges, walks repaired	10,182.00
3 reinforced concrete box culverts	12,175.75
Total structures	\$ 167,873.50

MISCELLANEOUS:

Other construction or repairs	\$ 18,550.20
Total day labor work on secondary system.....	\$ 247,605.05

NON-HIGHWAY:

Day labor miscellaneous nonhighway work	\$ 20,000.00
Total all State day labor contracts awarded.....	\$ 3,224,257.69

8. FEDERAL AND NONFEDERAL PROGRAMS.—The total obligation of State highway contracts awarded during 1963 by the State, Cook County, and the City of Chicago amounted to \$222,973,171.09. Federal funds were involved in contracts amounting to \$195,833,867.55 or 87.8 per cent of the total contracts awarded; and contracts financed with State or with State and matching city or county funds amounted to \$27,139,303.54, or 12.2 per cent of the total contracts awarded.

The status of Federal-aid allotments to the State of Illinois is given in Table 12 of Section III, while contracts awarded by each unit of government for highway purposes are classified by funds in Table 19.

(a) *Interstate Highway Awards.*—Contracts awarded by the State on the interstate highway system, financed with 90 per cent Federal and 10 per cent State funds, amounted to \$113,053,750.11; contracts financed with 50 per cent Federal and matching State, county, or city funds amounted to \$406,660.58; and contracts financed with 100 per cent State funds amounted to \$1,696,758.89. Contracts awarded by Cook County and the City of Chicago, financed with 90 per cent Federal and 10 per cent State or municipal funds, amounted to \$5,536,876.41. Contracts awarded by Cook County financed with Cook County expressway bond issue funds amounted to \$3,936,156.49; and contracts financed with 100 per cent State funds amounted to

TABLE 19.—TABULATION OF 1963 CONTRACT AWARDS ON FEDERAL-AID AND NONFEDERAL-AID PROGRAMS.

System and Fund Designation	Interpretation of Fund Designation	Awarded By			Federal-aid Program	Non Federal-aid Program	Total
		State	Cook County	City of Chicago			
Interstate and Other Primary	Interstate	\$105,074,136.11					\$110,611,012.52
	Int. G.	7,783,295.83	\$4,261,008.71	\$1,275,867.70	\$110,611,012.52		7,783,295.83
	UI	406,660.58			406,660.58		406,660.58
	EBI						
	EACI		1,249,744.04		1,249,744.04		1,249,744.04
	State I		2,686,412.45		2,686,412.45		2,686,412.45
	DL-C-I	1,585,254.14	45,750.00			\$1,631,004.14	1,631,004.14
	DL-M-I	63,128.25				63,128.25	63,128.25
	F	48,376.50				48,376.50	48,376.50
	FG	27,071,684.99			27,071,684.99		27,071,684.99
	U	704,117.79			704,117.79		704,117.79
	UG	20,509,007.70	1,587,703.26		22,096,710.96		22,096,710.96
	State-P	1,504,626.40			1,504,626.40		1,504,626.40
	DL-C-P	17,782,484.84				17,782,484.84	17,782,484.84
	DL-M-P	1,603,470.89				1,603,470.89	1,603,470.89
Secondary System		1,241,677.00				1,241,677.00	1,241,677.00
	Total interstate and other primary	\$185,377,921.02	\$9,830,618.46	\$1,275,867.70	\$174,114,265.56	\$22,370,141.62	\$196,484,407.18
	Federal secondary (rural)	\$18,649,064.68			\$18,649,064.68		\$18,649,064.68
	Federal-aid secondary, urban	2,942,424.74			2,942,424.74		2,942,424.74
	State funds only, on secondary	3,511,724.77				\$3,511,724.77	3,511,724.77
	Forest highways, secondary (Federal funds)	81,537.21			81,537.21		81,537.21
	Federal defense access road funds	14,994.46			14,994.46		14,994.46
	Army, Federal defense access road funds	31,580.90			31,580.90		31,580.90
	State day labor construction funds, on secondary	130,079.30				130,079.30	130,079.30
	State day labor maintenance funds, on secondary	117,525.75				117,525.75	117,525.75
	State day labor construction fund, miscellaneous work	20,000.00				20,000.00	20,000.00
	Total secondary	\$25,498,931.81			\$21,719,601.99	\$3,779,329.82	\$25,498,931.81
Non-highway Work State-M	State funds only, on non-highway improvements	\$989,832.10				\$989,832.10	\$989,832.10
	Total all contracts	\$211,866,684.93	\$9,830,618.46	\$1,275,867.70	\$195,833,867.55	\$27,139,303.54	\$222,973,171.09

\$45,750.00. The total highway contracts awarded on the interstate system amounted to \$124,675,952.48, and are tabulated in Table 22.

(b) *Other Primary Highway Awards*.—Contracts awarded by the State on noninterstate primary highways financed with 50 per cent Federal-aid and matching State, county, or city funds amounted to \$49,593,118.71; and contracts financed with 100 per cent State funds amounted to \$20,627,632.73. Contracts awarded by Cook County financed with 50 per cent Federal and matching State or county funds amounted to \$1,587,703.26. The total highway contracts awarded on the noninterstate primary highway system amounted to \$71,808,454.70.

(c) *Secondary Road Awards*.—Contracts awarded by the State on State secondary roads, most of which were financed with 50 per cent Federal-aid secondary and matching State, county, or municipal funds, amounted to \$21,591,489.42; contracts financed with 100 per cent federal funds amounted to \$128,112.57; and contracts financed with 100 per cent State funds amounted to \$3,779,329.82. The total contracts awarded on the secondary road system amounted to \$25,498,931.81.

(d) *Nonhighway Improvement Awards*.—Contracts awarded by the State, financed with 100 per cent State funds for work relative to highway construction but not located on any of the State's highway systems, amounted to \$989,832.10.

9. PAVEMENT, BRIDGE, AND STRUCTURE REHABILITATION.—Contracts awarded for modernizing existing pavements and traffic structures, such as pavement widening, full-width widened base course, bituminous concrete resurfacing, pavement patching, traffic structure widening, and culvert extensions, are classified by system and listed in detail in Part B of Table 22.

The rehabilitation of existing highways is an essential part of our highway program. Of the total rehabilitation contracts awarded by the State, 2 per cent were awarded on the interstate system, 87 per cent on noninterstate primary system, and 11 per cent were awarded on the secondary road system. The total highway rehabilitation contracts listed in Part B of Table 22, accounts for 15.4 per cent of all contracts awarded by the State during 1963, and provided for the following improvements:

INTERSTATE HIGHWAYS:

6.41 miles bituminous concrete surfacing, continuous.....	\$ 476,228.33
78 sq. yds. bituminous pavement patching	1,585.00
2,256 sq. yds. concrete pavement patching	65,988.00
1 bridge widened	56,760.50
Total, interstate system	\$ 600,561.83

PRIMARY HIGHWAYS:

377.87 miles bituminous concrete surfacing, continuous.....	\$11,085,839.61
74.67 miles bituminous concrete surfacing, intermittent.....	1,473,842.38
24.75 miles bituminous concrete base course widening.....	1,055,975.48
26.91 miles concrete base course widening.....	2,947,509.33
1.70 miles full-width bituminous concrete base course.....	370,739.07
40.25 miles full-width concrete base course.....	9,361,731.02
37,292 sq. yds. bituminous pavement patching.....	729,389.23
36,306 sq. yds. concrete pavement patching.....	723,302.08
8 bridges widened	598,506.82
2 culverts extended	56,284.50
Total, primary system	\$28,403,119.52

DESIGN

SECONDARY ROADS:

35.86 miles bituminous concrete surfacing, continuous.....	\$ 2,111,031.34
1.84 miles bituminous concrete base course widening	84,196.50
1.16 miles concrete base course widening	137,747.10
5.24 miles flexible base course widening	153,133.20
0.50 mile full-width flexible base course.....	23,909.85
2.77 miles full-width concrete base course.....	938,961.14
4,895 sq. yds. bituminous pavement patching	102,910.97
606 sq. yds. concrete pavement patching.....	12,289.16
1 bridge, widened	21,006.35
Total, secondary system	\$ 3,585,185.61
Total all systems, Part B	\$32,588,866.96

10. MISCELLANEOUS IMPROVEMENTS.—Contracts awarded by the State for nonhighway improvements (excluding State day labor awards) such as constructing and maintaining State park drives, scenic and connecting roads, material storage areas, parking facilities, related traffic and drainage structures, etc., serving State parks, memorials, institutions, highway buildings, conservation areas, etc., are listed in Part E of Table 22; and included the following:

SURFACING:

5.36 miles flexible base with bituminous surface treatment.....	\$ 421,409.08
0.94 mile bituminous surface treatment of existing flexible surface.....	2,664.52
Bituminous concrete surfacing of storage and parking areas.....	31,869.62
Base repair and bituminous concrete surfacing.....	33,795.03
Total surfacing	\$ 489,738.25

STRUCTURES:

1 bridge rehabilitated	\$ 454,129.45
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MISCELLANEOUS:

Construction of parking facilities.....	\$ 11,615.30
Cinder hauling	15,177.50
General landscaping	19,171.60
Total miscellaneous	\$ 45,964.40
Total all work, Part E.....	\$ 989,832.10

11. CHICAGO EXPRESSWAYS.—Expressway contracts awarded during 1963 by the State, by Cook County, and by the City of Chicago for projects in the Chicago Metropolitan Area totaled \$46,014,231.43, and included the following:

CALUMET EXPRESSWAY

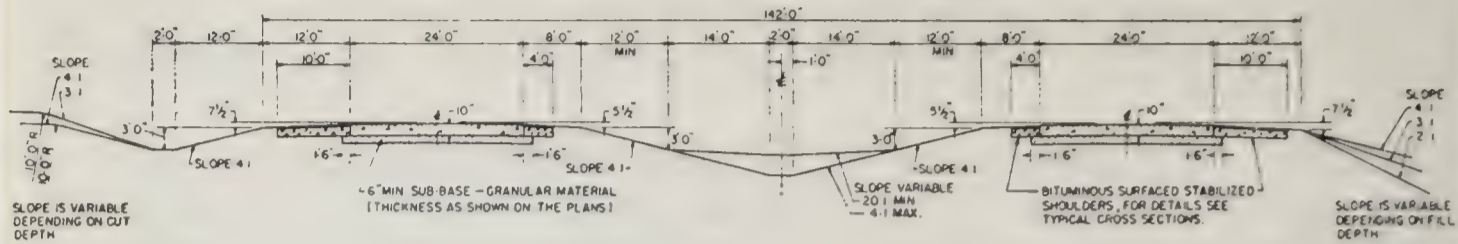
0.17 mile portland cement concrete pavement, 2-lane.....	\$ 36,194.10
2.89 miles bituminous concrete resurfacing	378,828.35
10.00 miles shrub beds cultivated	2,977.14
15.00 miles tree spraying	3,624.13
5.10 miles roadside mowing	8,002.63
0.84 mile road guards and fencing	9,839.40
Pavement joints and cracks, cleaned and filled.....	34,254.00
Miscellaneous improvements	30,280.35
Total	\$ 504,000.10

EISENHOWER EXPRESSWAY

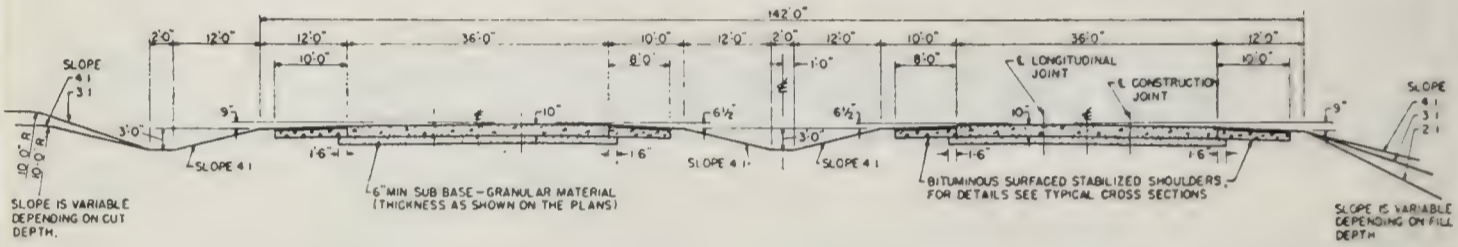
0.12 mile portland cement concrete pavement, variable.....	\$ 10,633.25
3.37 miles shoulder rehabilitation	58,645.75
Pavement joints and cracks, cleaned and filled.....	34,250.00
13.50 miles shrub beds cultivated and tree spraying.....	11,171.40
18.00 miles roadside mowing	74,493.00
1 highway grade separation structure repaired.....	9,878.00
Expressway landscaping	6,567.60
Miscellaneous improvements	38,150.00
Total	\$ 243,789.00

TYPICAL CROSS SECTIONS
FOR INTERSTATE HIGHWAYS IN ILLINOIS
1963

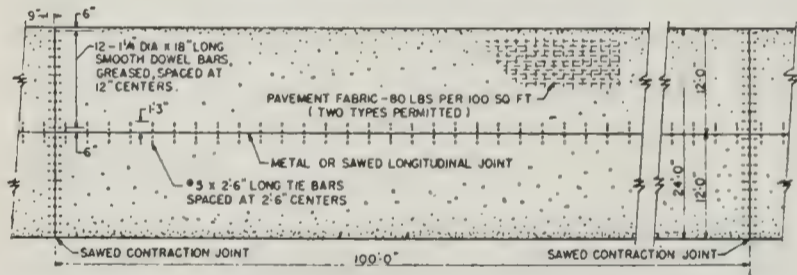
DUAL 24 FT. PORTLAND CEMENT CONCRETE PAVEMENT
70 FT. DEPRESSED MEDIAN



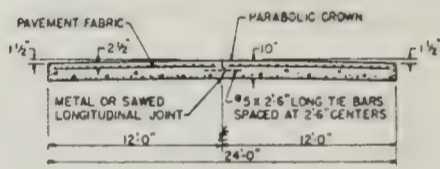
DUAL 36 FT. PORTLAND CEMENT CONCRETE PAVEMENT
46 FT. DEPRESSED MEDIAN



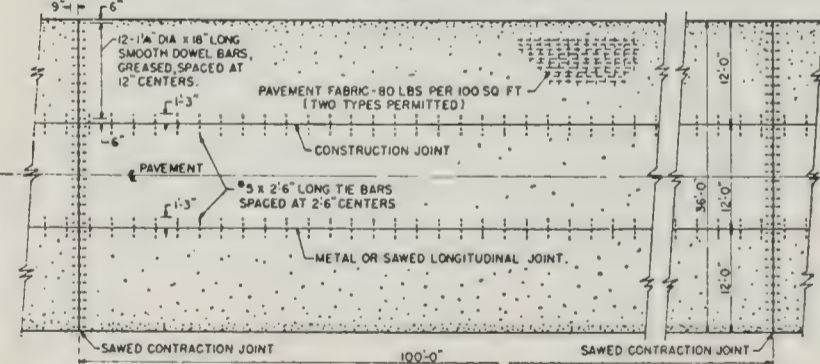
TYPICAL PLAN OF 24 FT. PAVEMENT



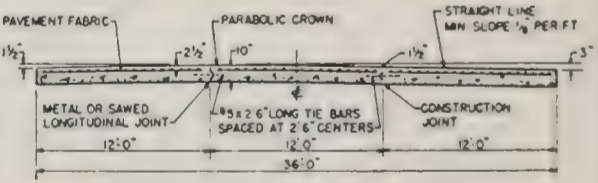
TYPICAL CROSS SECTION OF 24 FT. PAVEMENT



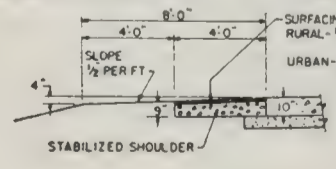
TYPICAL PLAN OF 36 FT. PAVEMENT



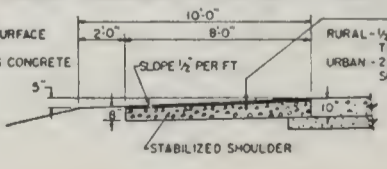
TYPICAL CROSS SECTION OF 36 FT. PAVEMENT



TYPICAL CROSS SECTION OF INSIDE SHOULDERS FOR 24 FT. PAV'T.



TYPICAL CROSS SECTION OF INSIDE SHOULDERS FOR 36 FT. PAV'T.



TYPICAL CROSS SECTION OF OUTSIDE SHOULDERS FOR 24 FT. OR 36 FT. PAV'T.

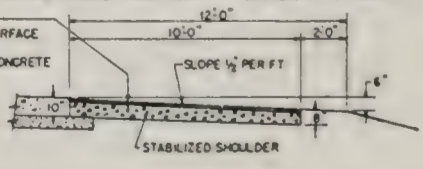


Figure 5.

TYPICAL CROSS SECTIONS FOR INTERSTATE HIGHWAY BRIDGES AND GRADE SEPARATION STRUCTURES

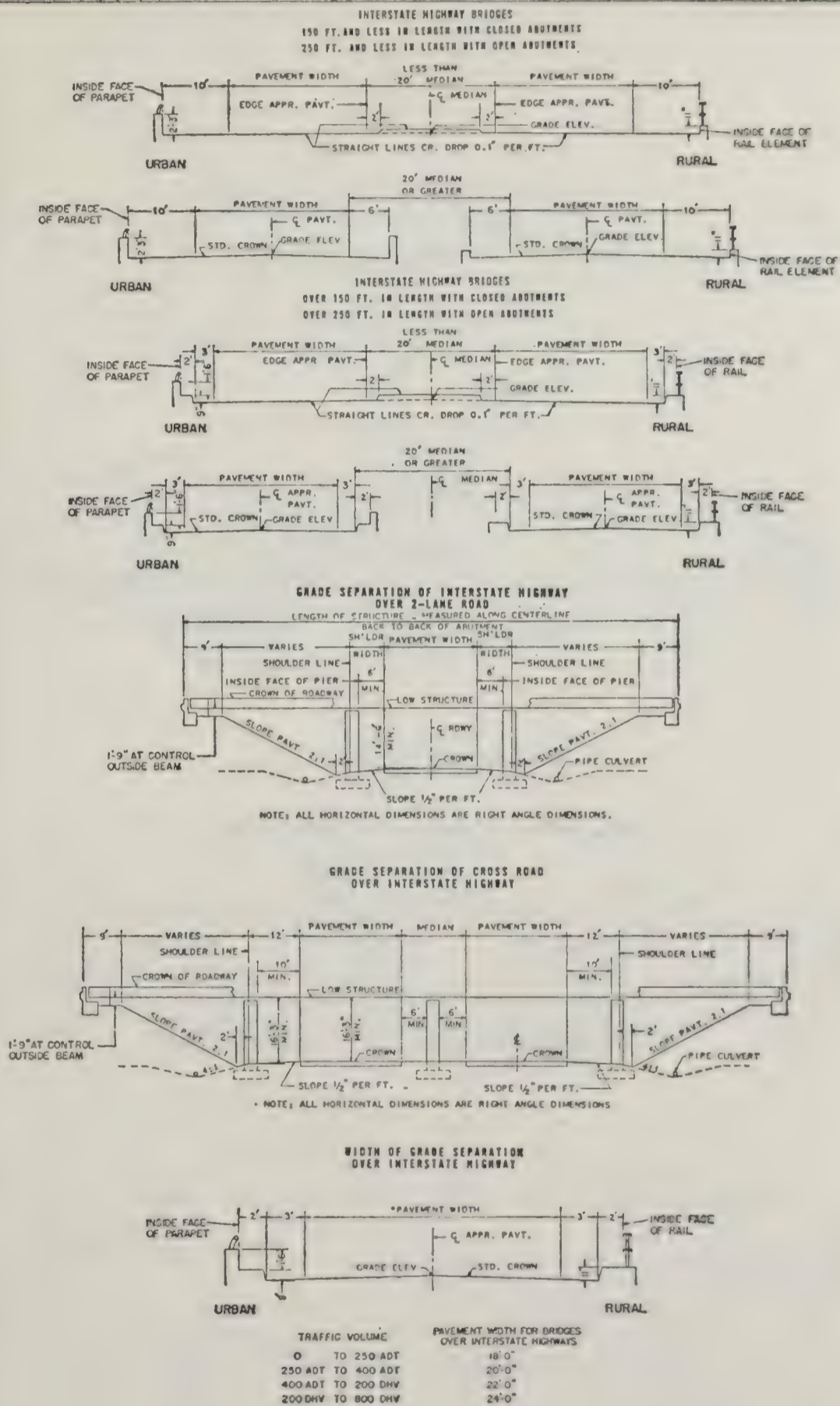


Figure 5.—Concluded.

TYPICAL CROSS SECTIONS
FOR STATE HIGHWAYS IN ILLINOIS
EXCLUSIVE OF INTERSTATE
1963

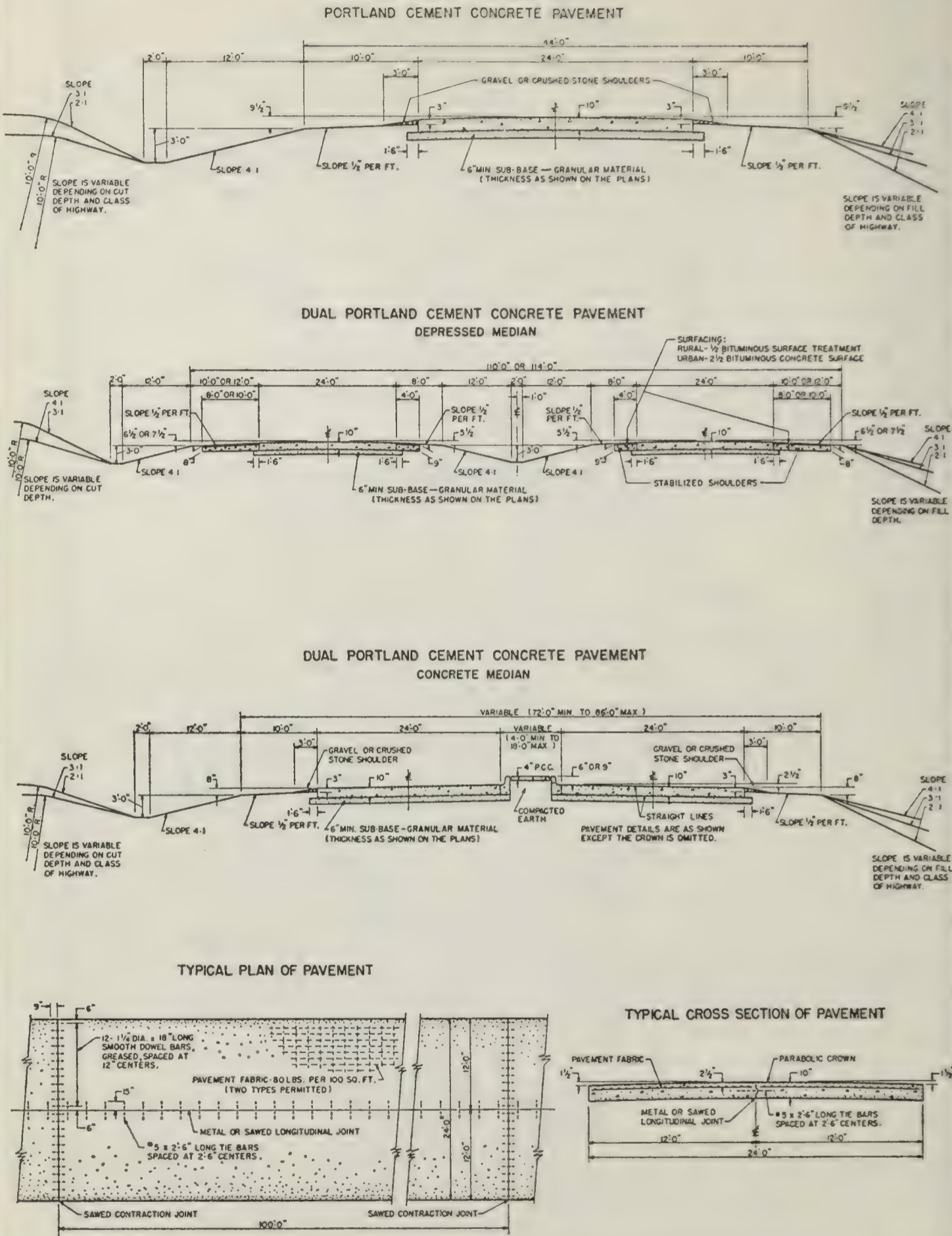
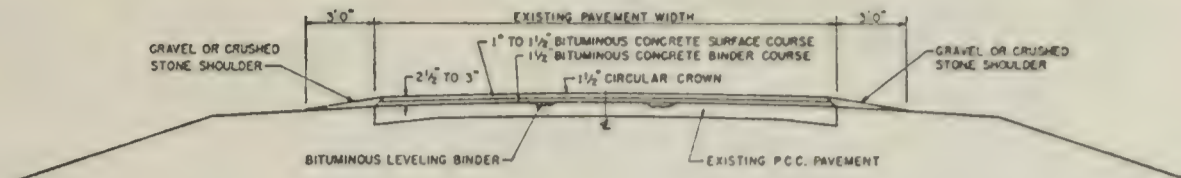


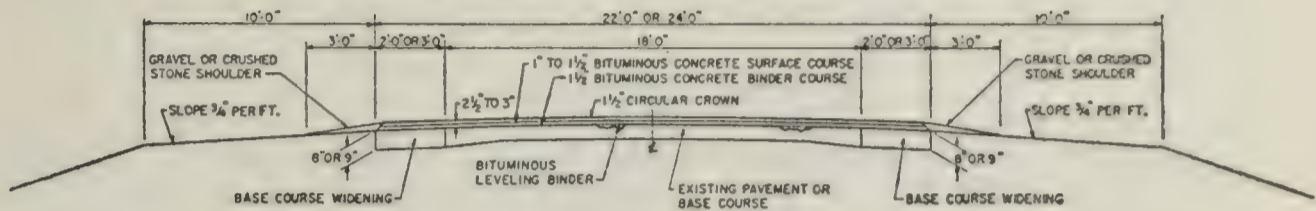
Figure 6.

DESIGN

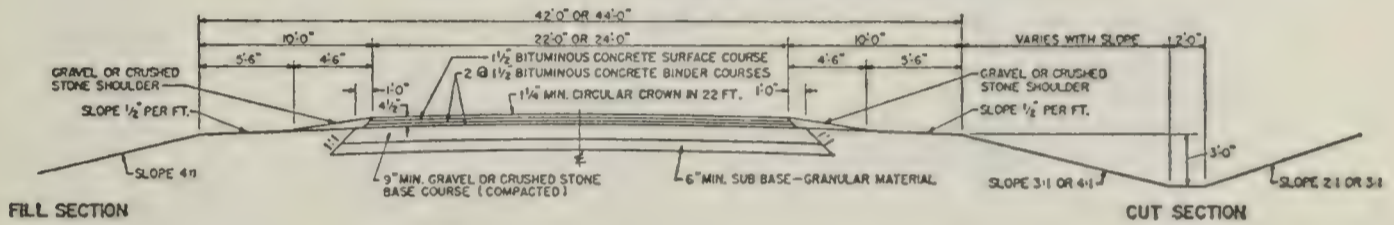
BITUMINOUS CONCRETE RESURFACING OF EXISTING P.C.C. PAVEMENT



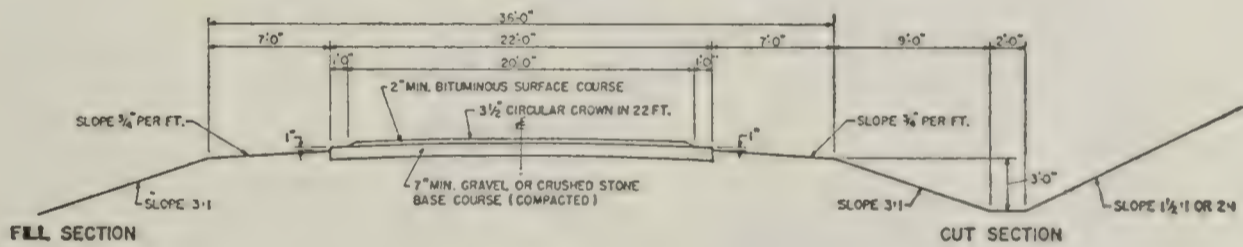
WIDENING AND BITUMINOUS CONCRETE RESURFACING OF EXISTING PAVEMENT OR BASE COURSE



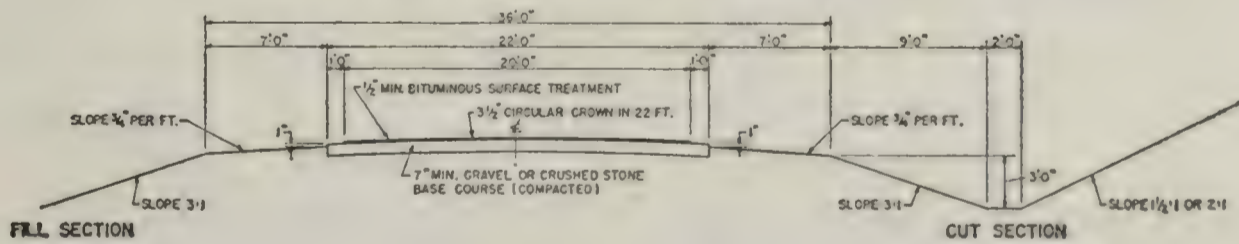
BITUMINOUS CONCRETE SURFACE ON GRAVEL OR CRUSHED STONE BASE COURSES



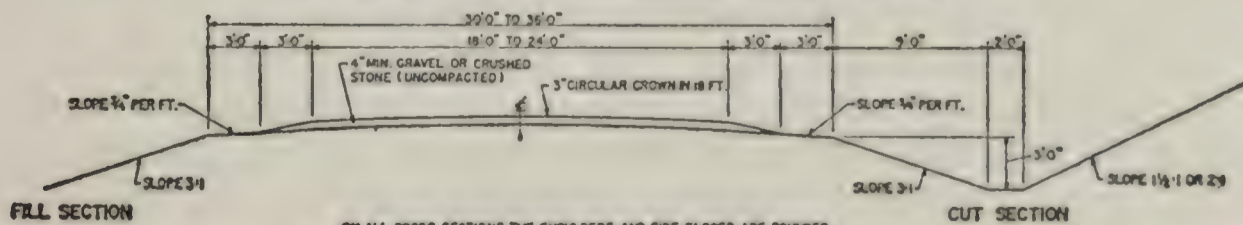
BITUMINOUS SURFACE COURSE ON GRAVEL OR CRUSHED STONE BASE COURSE



BITUMINOUS SURFACE TREATMENT ON GRAVEL OR CRUSHED STONE BASE COURSE



GRAVEL OR CRUSHED STONE SURFACE COURSE - TYPE B



ON ALL CROSS SECTIONS THE SHOULDERS AND SIDE SLOPES ARE ROUNDED 12 INCHES IN EACH DIRECTION FROM THE TANGENT INTERSECTION OF THESE SURFACES.

Figure 6.—Concluded.

DESIGN

DAN RYAN EXPRESSWAY

9.10 miles roadside mowing	\$	22,945.28
Expressway landscaping		38,127.50
Expressway signing		415,755.34
Storm sewer cleaning		45,750.00
Miscellaneous improvements		12,442.00
Total	\$	535,020.12

EDENS EXPRESSWAY

2,178 sq. yds. concrete pavement patching	\$	65,988.00
15.00 miles roadside mowing		32,368.88
15.00 miles shrub beds cultivated, roadside fertilizing and tree spraying...		17,104.81
Pavement joints and cracks, cleaned and filled		34,250.00
7 highway grade separation structures repaired		63,883.50
Miscellaneous improvements		12,442.00
Total	\$	226,037.19

KINGERY EXPRESSWAY

4.00 miles shrub beds cultivated	\$	1,190.86
1 railroad grade separation structure repaired		1,145.00
Miscellaneous repairs		12,442.00
Total	\$	14,777.86

KENNEDY EXPRESSWAY

23.80 miles roadside mowing	\$	91,226.30
8.00 miles shrub beds cultivated		10,440.00
15.00 miles tree spraying		4,157.15
Underpass lighting		122,993.95
1 bridge deck repaired		8,443.00
Roadside landscaping		12,604.00
Pavement joints and cracks, cleaned and filled		34,254.00
Miscellaneous improvements		21,483.00
Total	\$	305,601.40

SOUTHWEST EXPRESSWAY

7.05 miles portland cement concrete pavement, 6-lane	\$14,071,658.70
0.15 mile concrete base course with bituminous concrete surfacing, divided 4-lane	146,151.17
12.89 miles expressway signing	318,090.42
2.08 miles roadway grading	10,762,546.45
0.76 mile channel grading	1,328,276.99
Expressway lighting	123,817.05
21 highway grade separation structures	8,268,122.42
9 bridges	4,399,444.96
6 railroad grade separation structures	1,610,423.60
2 railroad subway structures	761,491.95
1.01 miles storm sewers and pumping station	490,994.49
Building removal	392,242.15
Main drain construction	1,023,479.92
Expressway landscaping	188,371.25
Miscellaneous improvements	299,894.24
Total	\$44,185,005.76
Total all work, Chicago expressways	\$46,014,231.43

The practice of assigning part of the State's allotment of Federal-aid funds for expressway projects awarded by Cook County and the City of Chicago was continued. The amounts awarded for such contracts during the fourteen years preceding 1963 amounted to \$174,162,325.08 by Cook County and \$121,142,370.25 by the City of Chicago. Contracts awarded during 1963, amounting to \$9,830,618.46 by Cook County and \$1,275,867.70 by the City of Chicago, are listed in Part A of Table 22. Most of these contracts are on the interstate highway system, however, contracts awarded on the Chicago metropolitan area expressway system financed with the aid of motor fuel tax funds are listed in Section XIII, Local Roads and Streets of this report.

DESIGN

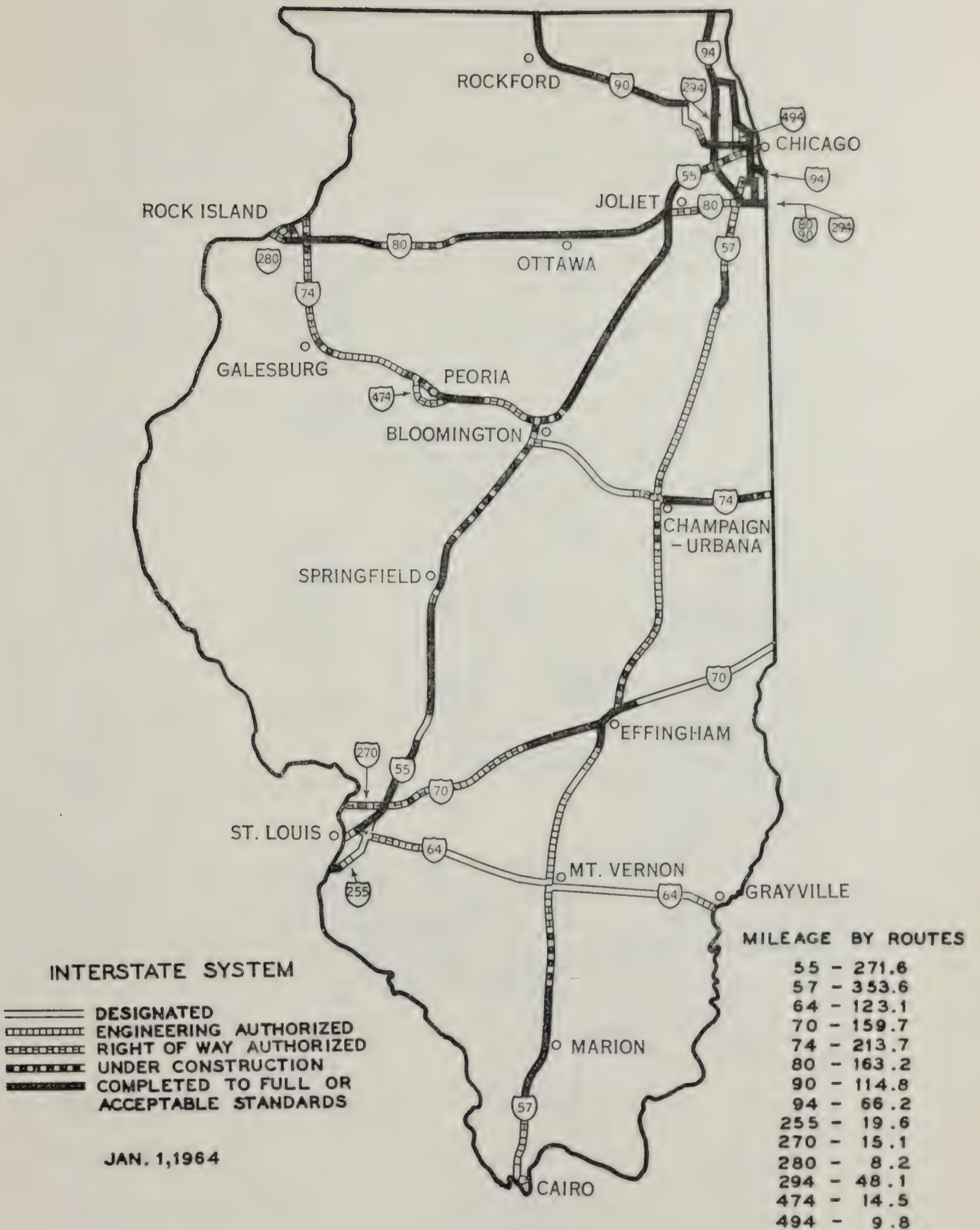


Figure 7.

12. INTERSTATE HIGHWAYS.—The designation of the National System of Interstate Highways of not more than 40,000 miles, to connect the principal cities and industrial centers of the Nation, was authorized by the Federal-aid Highway Act of 1944. Approval for 37,681 miles on the Nationwide system was given by the Federal Government in 1947, of which 1,500 miles was allocated to the State of Illinois. Additional mileage to bypass urban areas was designated in 1955 which increased the State's interstate highway system to about 1,600 miles.

The Federal-aid Highway Act of 1956 authorized an additional 1,000 miles to the Nation's system and changed the name to the "National System of Interstate and Defense Highways". By the end of 1963 changes in the system resulted in an interstate mileage of 1,581.2 for Illinois. The general locations of Illinois interstate highways are shown in Figure 7.

A summary of the principal improvements awarded by contract on the interstate highway system in Illinois by the State, Cook County, and the City of Chicago, exclusive of construction by toll road authorities, is given in the following tabulation:

Type of Improvement	Prior to 1963	During 1963
8-lane rigid pavement	13.48 mi.
6-lane rigid pavement	25.13 mi.	7.62 mi.
4-lane rigid pavement	268.89 mi.	80.33 mi.
2-lane rigid pavement	143.50 mi.	3.25 mi.
Converting 2-lane to a divided 4-lane rigid pavement.....	149.70 mi.	12.87 mi.
Bituminous pavement surfacing	133.91 mi.	12.45 mi.
Grading	66.75 mi.	8.70 mi.
Bridges	209	50
Highway grade separation structures	510	107
Railroad grade separation structures	124	32
Flexible-type pavements	1 16.96 mi.	10.09 mi.
Shoulder construction or rehabilitation	2 203.81 mi.	13.83 mi.
Highway lighting installations	2 33.43 mi.	22.55 mi.
Total cost of interstate improvements, including additional items not listed above.....	\$654, 938, 654.59	\$124, 675, 952.48
1 Not reported prior to 1957.		
2 Not reported prior to 1961.		

13. FREEWAYS.—Figure 8 shows highways in Illinois designated as freeways. As of December 31, 1962, a total of 2,228.57 miles of highways have been designated as freeways. An additional 86.27 miles were designated and 13.29 miles were rescinded during 1963, increasing the total mileage of freeways in Illinois, as of December 31, 1963, to 2,301.55.

The following are the portions of Illinois highways declared freeways during 1963:

- FAI Route 64 from East St. Louis easterly to US 50 (Ill. 159) (9.17 mi.)
- FAI Route 74 from southwest of Appleton to north of Elmwood (10.50 mi.)
- FA Route 2 (US 51) at interchange with FAI Route 70 in Vandalia (1.30 mi.)
- FA Route 2 north of Sandoval (0.25 mi.)
- FA Route 4 south of Good Hope (2.90 mi.)
- FA Route 9 around Chatsworth (2.44 mi.)
- FA Route 11 in Champaign (1.50 mi.)
- FA Route 18 (SBI 17) east of Kankakee (6.30 mi.)

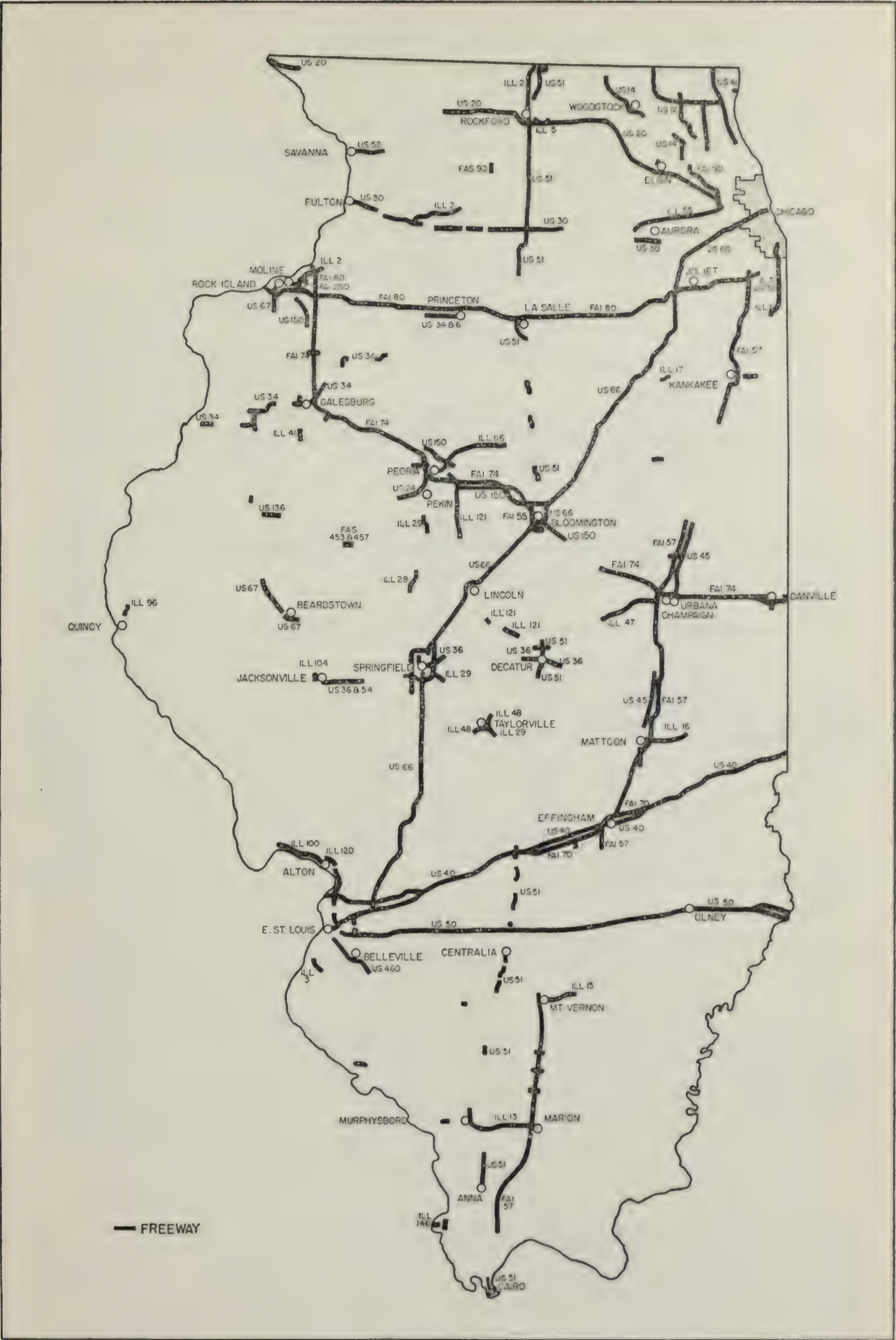


Figure 8.—Highways in Illinois designated as freeways.

DESIGN

FA Route 61 (Ill. 53) from Long Grove to Grayslake (13.80 mi.)
 FA Route 119 near Rantoul (1.60 mi.)
 FA Route 201 from Wisconsin-Illinois State line to Valley Lake (26.84 mi.)
 SBI Route 14 near West City (1.25 mi.)
 Senate Bill 275 Illinois Beach State Park Road (0.92 mi.)
 Senate Bill 275 in Washington County Conservation Area (0.50 mi.)
 FAS Route 205 from east limit of Rock Island easterly (7.00 mi.)

FREEWAYS RESCINDED DURING 1963:

FAI Route 74 from north of Knox-Henry County line to Knox-Peoria County line (10.50 mi.)
 FA Route 2 from Ogle-Winnebago County line to Mendota (1.14 mi.)
 FA Route 21 from Ill. 42A westerly to Valley Lake (0.65 mi.)
 FA Route 43 and 99 (US 41) from Lake-Cook County line to Wisconsin State line (1.00 mi.)

14. BRIDGES.—Bridge plans prepared, bridges placed under contract, and other bridge work accomplished during 1963 are summarized in the following tabulation:

Bridge Plans Prepared		Number
County and township.....		3
County 15d and motor fuel tax.....		1
State bond issue.....		22
Federal-aid.....		114
Subtotal.....		140
Culvert Plans Checked		
State and Federal-aid contracts.....		560
Total.....		700
Bridges Placed Under Contract		
System	Number	Contract Price
County and township.....	2	\$ 74,389.03
County 15d and motor fuel tax.....	0	
State bond issue.....	21	1,087,442.33
Federal-aid.....	209	42,565,617.87
Total.....	232	\$43,727,449.23
Other Work		
Shop drawings for steel bridges approved.....		396
Steel bridges for which shop inspection of steel was made.....		224
Tons of structural steel inspected.....		23,312
Foreign plans approved.....		283
Stress analysis made of old bridges.....		165
Rating analysis made of construction equipment.....		50
Bridges rated for truck permits.....		300

DESIGN

Table 20 gives the summation and cost of State bridge plans and specifications prepared, contracts awarded on State plans, and foreign plans approved from 1906 thru 1930, and an annual summary of such plans and contracts from 1931 to 1963, inclusive. It includes all bridges for State and county highways whether built as independent contracts or included in the general road contracts.

TABLE 20.—RECORD OF BRIDGE WORK, 1906-1963.

Year	Plans and Specifications Prepared	Contracts Let on State Plans	Contract Price	Foreign Plans Approved ¹
1906 thru 1930	8,319	6,137	\$ 34,692,985.27	16,987
1931	673	437	3,997,361.24	6,221
1932	683	603	3,988,988.46	7,546
1933	482	390	2,815,976.05	4,410
1934	419	299	4,547,005.88	5,020
1935	342	300	4,394,287.12	2,441
1936	319	258	7,742,110.07	3,060
1937	288	254	4,506,279.14	1,952
1938	304	236	3,921,100.75	1,050
1939	272	217	2,817,481.72	1,044
1940	266	194	2,838,897.03	832
1941	138	130	3,067,158.02	666
1942	220	106	1,104,427.66	279
1943	122	62	418,753.64	198
1944	149	74	817,973.77	223
1945	110	90	1,682,640.00	226
1946	128	141	3,545,550.62	450
1947	137	135	4,767,188.35	189
1948	122	93	6,779,175.89	196
1949	90	86	4,952,839.41	132
1950	164	99	2,750,017.08	122
1951	108	130	6,566,189.53	98
1952	133	120	10,785,576.92	185
1953	109	132	9,287,045.05	218
1954	171	155	13,354,854.18	324
1955	146	146	13,850,013.76	349
1956	137	166	15,167,468.10	429
1957	139	216	38,769,316.32	350
1958	171	229	36,037,644.77	427
1959	185	197	38,445,040.49	543
1960	170	258	39,001,753.11	351
1961	172	188	34,813,839.70	372
1962	158	325	48,528,443.12	274
1963	140	232	43,727,449.23	283
Total	15,686	12,835	\$454,482,831.45	57,447

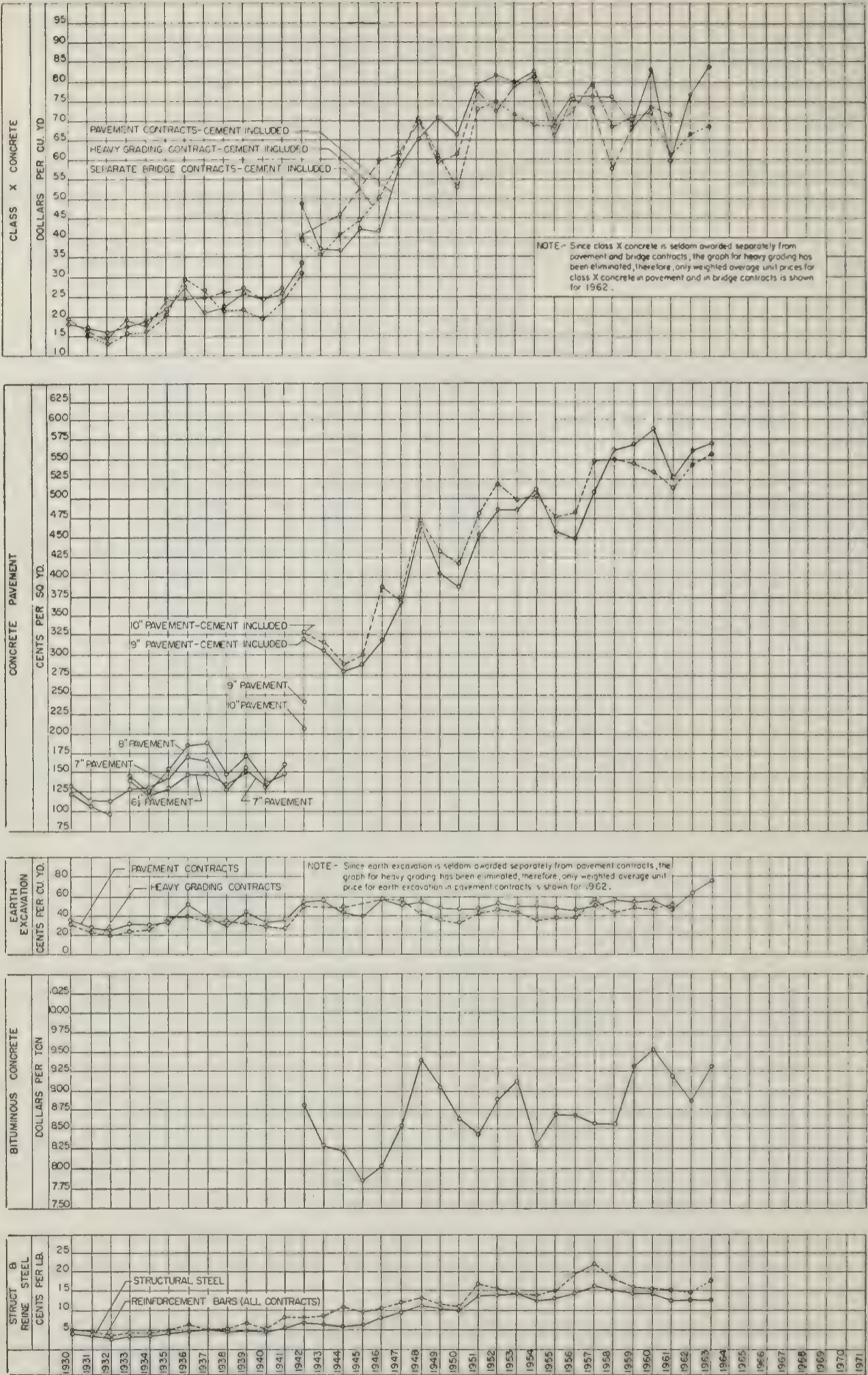
¹ Plans prepared by county superintendents of highways and others outside of the Division of Highways.

15. RAILROAD CROSSINGS.—Contracts for 29 railroad grade separation structures were awarded during 1963. They include 14 railroad grade separation structures, 8 railroad subway structures, 4 combination railroad-highway grade separation structures, and 3 combination bridge-railroad grade separation structures. They are listed in detail in Table 21. Federal aid was involved in financing 27 of these structures, and the other 2 were financed entirely with State funds.

Construction agreements for improving 35 railroad grade crossings at 27 primary highways and 8 secondary roads (excluding Federal-aid secondary railroad grade crossings listed in Section XIII, Local Roads and Streets, were approved for construction during 1963. They include the installation of automatic flashing-light signals at 2 primary and 1 secondary highway railroad grade crossings; relocation of automatic flashing-light signals and crossing rehabilitation

DESIGN

GRAPHS SHOWING UNIT PRICE RANGE ON PRINCIPAL ITEMS
IN HIGHWAY CONSTRUCTION 1930-1963



NOTE: UNIT PRICES ARE BASED ON AWARDED COSTS. WEIGHTED AVERAGES ARE USED FOR ALL ITEMS.
UNIT PRICES FOR CLASS X CONCRETE AND CONCRETE PAVEMENT ARE EXCLUSIVE OF CEMENT, EXCEPT
AS NOTED. CEMENT INCLUDED IN THESE ITEMS ON AUGUST 21, 1942 LETTING AND LATER LETTINGS.
UNIT PRICE OF STRUCTURAL STEEL DOES NOT INCLUDE "A-242 STEEL."

Figure 9.

DESIGN

at 8 primary and 2 secondary highway railroad grade crossings; flashing light signals and new crossing construction at 6 primary and 1 secondary highway railroad grade crossings; installation of automatic flashing-light gates at 2 primary and 4 secondary highway railroad grade crossings; and rehabilitation of 9 primary highway railroad grade crossings.

The total estimated cost of the above railroad grade crossing improvements was \$754,529.18, of which \$513,415.99 was for expenditure on primary highways and \$241,113.13 on secondary highways. Participants in the financing of railroad grade crossing protection and crossing improvements are as follows:

State	\$476,845.39
Federal Government	128,047.85
Motor Fuel Tax	24,543.68
Counties	7,012.47
Railroads	118,079.79
Total	<u>\$754,529.18</u>

TABLE 21.—RAILROAD GRADE SEPARATION STRUCTURE CONTRACTS
AWARDED DURING 1963.

Location				Highway Over or Under	Railroad	Total Estimated Cost to State and Railroad
Route	Section	County	Near			
FAI 55	57-6HV	McLean	Bloomington	Over	NYC&StL (US 150)	³ \$234,520
FAI 55	57-6V-I	McLean	Bloomington	Over	GM&O	340,050
FAI 55	57-7V	McLean	Bloomington	Over	GM&O	290,970
FAI 55	1313-622S	Cook	Chicago	Under	AT&SF	646,170
FAI 55	1313-623S	Cook	Chicago	Under	Ill. Northern Ry.	427,530
FAI 57	10-31V	Champaign	Tolono	Over	Wabash	262,130
FAI 57	15-22V	Coles	Jones	Over	IC (Twp. Road)	³ 156,460
FAI 57	18-1V	Cumberland	Neoga	Over	NYC&StL	421,630
FAI 57	28-3S	Franklin	West City	Under	IC	¹ 108,794
FAI 57	28-5S	Franklin	West Frankfort	Under	CB&Q	924,830
FAI 57	46-2V	Kankakee	Bradley	Over	IC	196,760
FAI 57	77-1V	Pulaski	Ullin	Over	C&EI	198,210
FAI 74	48-26HV	Knox	Galesburg	Over	CB&Q (US 34)	³ 252,410
FAI 74	48-26V	Knox	Galesburg	Over	AT&SF	207,480
FAI 74	57-20S	McLean	Bloomington	Under	IC	259,540
FAI 74	72-6V	Peoria	Pottstown	Over	C&NW	220,920
FAI 74	92-11S	Vermilion	Tilton	Under	Wabash	674,070
FAI 74	92-11V	Vermilion	Tilton	Over	General Refrac- tories (L St.)	¹ ³ 250,420
FAI 80	37-1V	Henry	Colona	Over	CRI&P	377,510
FAI 270	60-4V-1	Madison	Glen Carbon	Over	C&NW-NYC& StL (Creek)	³ 500,450
FAI 280	81-1V	Rock Island	Milan W. of US 67	Over	CRI&P	305,640
FA 7	5V	Kane	Elburn	Over	C&NW	414,540
FA 13	5-2V-1	Richland	Olney	Over	IC	108,790
FA 29	21(H-2, S)	Knox	Galesburg	Under	CB&Q	182,790
FA 99	1-V	Rock Island	Rock Island	Over	CRI&P	392,810
FA 155	502-V	Greene	Hillview	Over	GM&O (Hur- ricane Creek)	³ 53,350
SBI 5	27V	JoDavless	Elizabeth	Over	CGW	² 95,810
SBI 8	50B-I-4	Peoria- Tazewell	Peoria- Franklin St.	Repair Over	P&PU-CRI&P- CB&Q-Illinois River	³ 97,060
SBI 78	134S	Fulton	Norris	Under	CB&Q	178,870
Total						\$8,841,334

¹ Cost shown includes railroad relocation.
² Cost shown includes reconstruction of highway approaches.
³ Combination railroad and highway grade separation—costs shown are for railroad portion only.

FAI 55	0107-63SSG	State I. Int.	Cook	Non-Federal-aid portion of contract				150,611.89
FAI 55	0202-602-HB	State I. Int.	Cook	Along Southwest Expressway (FAI 55) from Clarendon Hills Road to Harlem Ave. southwest of Chicago	9.70	Highway signing		205,086.95 12,646.69
FAI 55	0202-604HB	Int.	Cook	Non-Federal-aid portion of contract On Southwest Expressway over Flagg Creek and Wolf Road		Comb. bridge-hwy. gr. sep. struct.		304,635.67
FAI 55	0202-632HBK	Int.	Cook	On 70th Place over Flag Creek about 2 mi. south of Hinsdale	0.24	Bridge Frontage road		20,608.98 44,873.14
FAI 55	0404-640	Int.	Cook	On Willow Springs Road over Southwest Expressway (FAI 55) about 1.25 mi. north of Willow Springs		Hwy. gr. sep. struct.		149,613.54 16,395.60
FAI 55	0404-674HB	Int.	Cook	Non-Federal-aid portion of contract Southwest Expressway (FAI 55) interchange with LaGrange Road	0.93	PCC pavement	2@36, 40, 15	1,863,108.97
FAI 55	0405-633	Int.	Cook	On LaGrange Road over FAI 55 all about 3 mi. south of LaGrange		Hwy. gr. sep. struct.		315,235.87
FAI 55	0505-607VB	Int. G	Cook	Southwest Expressway (FAI 55) from east of Mannheim Road to Des Plaines River at Hodgkins	0.36	Dual PCC pavement	2@36	1,552,562.10
FAI 55	0505-634	Int.	Cook	On Southwest Expressway (FAI 55) over AT&SF RR and Access Road in Hodgkins		Comb. dual Hwy-RR gr. sep. structs.		369,742.25
FAI 55	0507-635A	Int.	Cook	Southwest Expressway (FAI 55) from east end of Des Plaines River bridge east of Hodgkins northeasterly	0.96	Dual PCC pavement Utility adjustments	2@36	1,141,386.30 7,251.20
FAI 55	0507-635I	Int.	Cook	On Southwest Expressway (FAI 55) over B&OCT RR at Summit		Dual RR gr. sep. structs.		398,707.90
FAI 55	0707-608HB	Int.	Cook	Southwest Expressway (FAI 55) near and south of Summit	0.92	Dual PCC pavement	2@36	2,149,821.05
FAI 55	0707-611HB	Int.	Cook	Southwest Expressway (FAI 55) at Lawndale interchange and about 1 mi. south of Lyons	1.32	Roadway grading	136	10,103,944.21
FAI 55	0707-613B	Int.	Cook	Southwest Expressway (FAI 55) between B&OCT RR and Lawndale Ave. in Summit	0.76	Channel grading		1,328,276.99
FAI 55	0707-614B	Int.	Cook	On relocated Lawndale Ave. over Southwest Expressway (FAI 55)		Dual hwy. gr. sep. structs.		345,838.12
FAI 55	0707-615B	Int.	Cook	On Ramp E over Southwest Expressway (FAI 55) in Summit		Hwy. gr. sep. struct.		147,083.46
FAI 55	0707-616B	Int.	Cook	On relocated Lawndale Ave. over relocated Des Plaines River west of Southwest Expressway (FAI 55)		Dual bridges		541,635.67
FAI 55	0707-616I	Int.	Cook	On Ramp E of Lawndale interchange over relocated Des Plaines River at Summit		Bridge		398,076.27
FAI 55	0707-616I	Int.	Cook	On Ramp B of Lawndale interchange over relocated Des Plaines River in Summit		Bridge		472,994.81
FAI 55	0707-616I	Int.	Cook	On Southwest Expressway (FAI 55) over Chicago Sanitary and Ship Canal in McCook		Dual bridges		1,840,907.85
FAI 55	0707-616I	Int.	Cook	At future bridge piers on Southwest Expressway (FAI 55) at Chicago Sanitary and Ship Canal		4 cells for protection of bridge piers		139,584.70
(For balance of contract see Part A—Primary—Cook County—FA Route 133—Section 0707-626I)								

DESIGN

TABLE 22.—Continued.
PART A.—Continued.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
FAI 55----- FAI 55-----	1112-619HB----- 1112-636-----	Int.----- Int.-----	Cook----- Cook-----	On Southwest Expressway (FAI 55) over Cicero Ave. Southwest Expressway (FAI 55) between Leclaire Ave. and Pulaski Road-----	----- 1.44	Dual hwy. gr. sep. structs.----- Dual PCC pavement-----	----- 2@36	532,143.14 2,960,411.70
FAI 55-----	1114-641AT (Part II)-----	Int.-----	Cook-----	(For balance of contract see Part B—Primary—Urban —District 10—FA 99—Section 50-4X) On Southwest Expressway (FAI 55) between Pulaski Road and Kedzie Ave. in Chicago-----	1.01	Storm sewers & pumping sta- tion-----	-----	489,434.49 1,560.00
FAI 55-----	1114-641AT (Part III)-----	State I.----- Int.-----	Cook-----	Non-Federal-aid portion of contract----- Southwest Expressway (FAI 55) between Kedzie Ave. and California Ave. in Chicago-----	0.51	Special excavation-----	-----	256,912.96 2,400.00
FAI 55-----	1114-660SG-----	State I.----- Int.-----	Cook-----	Non-Federal-aid portion of contract----- Along Southwest Expressway between LaCrosse and California Avenues in Chicago-----	3.19	Highway signing-----	-----	100,356.78
FAI 55-----	1212-620VB-----	Int. G-----	Cook-----	On Southwest Expressway (FAI 55) over Belt Rail way of Chicago-----	-----	Dual RR gr. sep. structs.-----	-----	841,973.45
FAI 55-----	1213-637-----	Int.-----	Cook-----	Southwest Expressway between Pulaski Road and Kedzie Ave. in Chicago-----	1.10	Dual PCC pavement-----	2@36	1,486,626.06
FAI 55-----	1313-622SB-----	Int. G-----	Cook-----	On AT&SF RR over the Southwest Expressway (FAI 55) northeast of intersection of Pulaski Road with Pershing Road in Chicago-----	-----	RR subway struct.-----	-----	472,519.19
FAI 55-----	1313-623SB-----	State I.----- Int.----- Int. G-----	Cook-----	Non-Federal-aid portion of contract----- On Illinois Northern Railway over Southwest Ex- pressway (FAI 55) between Pulaski Road and Ked- zie Ave. in Chicago-----	-----	Utility adjustments-----	-----	6,088.00 14,323.00
FAI 55-----	1314-624HB-----	State I.----- Int.----- Int.-----	Cook-----	Non-Federal-aid portion of contract----- On Southwest Expressway (FAI 55) over Kedzie Ave. in Chicago-----	-----	RR subway struct.-----	-----	281,684.76 1,200.00
FAI 55-----	1314-638-----	Int.-----	Cook-----	Southwest Expressway (FAI 55) between Kedzie Ave. and California Ave. in Chicago-----	0.15	Storm sewer siphon-----	-----	69,631.55
FAI 55-----	1414-625HB-----	Int.-----	Cook-----	On Southwest Expressway (FAI 55) over California Ave. in Chicago-----	0.51	Dual hwy. gr. sep. structs.----- Dual PCC base course with bit. conc. surf. I-11-----	2@24	502,262.28
FAI 80, 90, 94-----	2426-705SG-1; 0312- 705SG-1; 0211- 458SG-1; Part I.-----	State I.-----	Cook-----	At various locations on Calumet, Kingery and North- west Expressways, east of Dalton, near Lansing and near Erie Street, respectively-----	-----	Dual PCC pavement----- Dual hwy. gr. sep. structs.-----	2@36 -----	146,151.17 1,824,228.98 468,129.66
				Electrical service installations on 8 existing overhead sign lighting installations-----	-----		-----	17,838.35

FAI	No.	10X-F&G-1963-3	State I.	Cook	Description	0.59 0.25	Road guard constr. Highway fencing	7,125.00 2,714.40
FAI 90				Cook	Along ramps and frontage roads on west side of Calumet Expressway (FAI 90) at 159th Street intersection in South Holland			
FAI 90		3331-231-I	State I	Cook	At 4 locations along Congress Street Expressway (FAI 90) between Des Plaines Ave. and Austin Blvd. in Forest Park and Oak Park			
FAI 90		3333-212-I	State I	Cook	On Circle Avenue Bridge over FAI 90 in Forest Park	0.07	Misc. construction Highway fencing	15,538.00 6,802.05
FAI 90		3338-113-I	State I	Cook	Congress Street Expressway (FAI 90) at Lake Street Exit Terminal connection in Hillside	0.12	PCC pavement Encasement of exist. II pile bents	10,633.25 11,788.65
FAI 94		2020-902-I	State I	Cook	South Expressway (FAI 94) at 59th Street in Chicago		Var.	
FAI 57		18-1, 18-1-1	Int.	Cumberland	FAI 57 from Shelby-Cumberland County line to about 0.5 mi. northeast of Neoga	4.94	Dual PCC pavement	2,036,681.51 420.00
FAI 57		18-1HB-2	State I Int.	Cumberland	Non-Federal-aid portion of contract On Township Road 10 over FAI 57 about 1 mi. south of Neoga		2@24	
FAI 57		18-1HB-3	Int.	Cumberland	On County Highway 1 over FAI 57 about 0.25 mi. east of Neoga	0.80	Hwy. gr. sep. struct. Gr. or cr. stone base course with bit. surf. treat. A-3	86,178.80 53,859.50
FAI 57		18-1HB-1		Cumberland-Shelby	On County Highway 3 over FAI 57 about 3 mi. south-east of Neoga	0.36	Hwy. gr. sep. struct. Flex. base, B-5 surf.	81,815.51 97,835.44
FAI 57		18-1VB	State I Int. G	Cumberland	Non-Federal-aid portion of contract On FAI 57 over NYC&St.L RR about 0.25 mi. north-east of Neoga	0.29	Hwy. gr. sep. struct. Flex. base, bit. surf. treat A-2	81,600.45 72,979.17 269.43
FAI 57		18-20B	Int.	Cumberland	On FAI 57 over Bush Creek about 3 mi. northeast of Neoga		Dual RR gr. sep. struct.	411,031.37
FAI 57		18-20HB	Int.	Cumberland	On FAI 57 over US 45 about 1 mi. northeast of Neoga		Dual bridges	166,603.74
FAI 55		18-20HB (22-2-11B-1)I	State I	Cumberland DuPage	On County Highway 9 (Downers Grove Road) at intersection with US 66 (FAI 55) near the Argonne National Laboratory		Dual hwy. gr. sep. struct.	151,509.90
FAI 57		(25-6,25-7)I-1	Int.	Effingham	Along FAI 57 from Little Wabash River southwest of Watson northerly to near FAI 70	0.87	Bit. surf. median	19,071.42
FAI 57		25-6, 7LS (25-6,25-7)SG	State I Int. Int.	Effingham Effingham Effingham	Non-Federal-aid portion of contract Along FAI 57 from northwest to southwest of Watson Along FAI 57 from 1.5 mi. southwest of Watson northerly to 1.5 mi. southwest of Effingham	6.84 3.71 6.55	Bit. stabilized shldr. Roadside landscaping Furnishing and erecting traffic signs and delineators	188,152.58 2,644.00 53,313.50
FAI 57		25-6B-1	Int.	Effingham	On FAI 57 over Little Wabash River about 2.5 mi. southwest of Watson			35,950.10
FAI 57		(25-7-1)LS	Int.	Effingham	Along FAI 57 between Watson and Effingham	3.12	Dual bridges Roadside landscaping	486,454.80 29,963.90
FAI 57		25-8, 87-1	Int.	Effingham-Shelby	FAI 57 from about 2.5 mi. northeast of Effingham northerly	7.70	Dual PCC pavement	2,726,758.47 38,487.20
FAI 57		25-8B	State I Int.	Effingham	Non-Federal-aid portion of contract On FAI 57 over East Fork Green Creek about 2 mi. south of Sigel		2@24	
FAI 57		25-8HB-2			On Township Road 31 over FAI 57 about 3.5 mi. south of Sigel		Dual bridges	234,349.25
						0.29	Hwy. gr. sep. struct. Flex. base, bit. surf. treat. A-2	96,165.92 64,842.25
		25-8HB-3			On County Highway 10 over FAI 57 about 5 mi. north-east of Effingham	0.23	Hwy. gr. sep. struct. Flex. base, bit. surf. treat. A-2	81,137.90 55,186.14

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TABLE 22.—Continued.
PART A.—Continued.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
FAI 57	25-8HB-4	Int.	Effingham	On Township Road 264 over FAI 57 about 1 mi. south of Sigel	0.39	Hwy. gr. sep. struct. Gr. or cr. stone base with bit. surf. treat. A-3	20, 18	116,062.30
FAI 70	26-3B-1(2)	Int.	Fayette	On westbound lane of FAI 70 over Kaskaskia River about 1 mi. northeast of Vandalia		Bridge		26,532.05
FAI 70	26-3B-2(2)	Int.	Fayette	On FAI 70 over Camp Creek about 2 mi. east of Vandalia		Bridge		560,051.00
FAI 57	28-2-1 28-2HB-3	Int.	Franklin	FAI 57 from about 0.25 mi. north of Benton northerly On Township Road 155 over FAI 57 about 0.5 mi. north of Benton	1.41	Dual PCC pavement	2@24	221,641.08 715,875.29
FAI 57	28(3,3-1,3-2,3S, 3HB-2)	Int.	Franklin	FAI 57 from north of Benton to about 0.75 mi. south of West City Non-Federal-aid portion of pavement	0.23	Hwy. gr. sep. struct. Gr. or Ct. stone base course with bit. surf. treat. A-3	22, 20	91,073.20 34,165.71
FAI 57	28-3HB-1	Int.	Franklin	At Webster Street in West City On Ill. 14 over FAI 57 in West City	2.53	Dual PCC pavement	2@24	1,600,807.19 1,725.00 57,707.30 26,160.00 234,845.80 325,237.50 1,200.00 18,145.02 2,299.97
FAI 57	28-3SB (28-5,5-2; X1-4-1,5,6- 3; 77-1)I	Int. G	Franklin	Non-Federal-aid portion of pavement	0.34	Sewer relocation Pedestrian overpass Hwy. gr. sep. struct. Dual PCC pavement	2@24	
FAI 57		Int.	Franklin-Pulaski- Williamson	Non-Federal-aid portion of T. S. (For balance of contract see Part A—Primary—SBI Route 14—Section 4-2)----- On IC RR over FAI 57 near south limit of West City		Traffic control signals		241,778.35
FAI 57	28-5(S-3,5) 28-5HB-1	Int.	Franklin	Along FAI 57 between West Frankfort and Marion and at interchange with FA 14 about 1.5 mi. south of Dongola	6.99	Bit. surf. treat. A-3 on exist. gr. or cr. stone shldrs. Dual PCC pavement	2@10, 2@4 2@24	68,829.10 1,311,630.15
FAI 57	28-5SB 81-3WS,(81-2-1,81- 3)I	Int. G	Franklin	FAI 57 from south limit of West Frankfort northerly SBI 149 (Ill. 149) east and west of intersection with FAI 57	1.73	PCC pavement	2@24, Var.	396,505.15 162,899.75 170,460.00 793,345.62
FAI 57		Int.	Franklin	On Ill. 149 over FAI 57		Hwy. gr. sep. struct. Pumping station		
FAI 74		Int.	Henry-Rock Island	On CB&Q RR over FAI 57 in West Frankfort		RR subway struct.		
FAI 80	37-1B-2	State I	Henry	Service Road of FAI 74 for two (2) weighing stations about 1 mi. south of East Moline	1.71	Bit. conc. surfacing I-11 Highway fencing	Var.	327,861.86 28,814.00 1,128.00
FAI 80		Int.	Henry	Non-Federal-aid portion of fencing On FAI 80 over Mineral Creek about 1 mi. southeast of Colona		Dual bridges		251,941.15

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FAI 80	37-1B-1	Int.	Henry	On FAI 80 over Green River near Colona			Dual bridges	296,702.37
FAI 80	37-1VB	Int. G	Henry	On FAI 80 over CRI&P RR 2 mi. east of Colona			Dual RR gr. sep. structs.	332,797.63
FAI 80	37-1HB-1	Int.	Henry	On Alt. SBI 7 over FAI 80 about 0.5 mi. east of Colona		0.36	Hwy. gr. sep. struct.	77,743.25
FAI 80	37-1HB-2	Int.	Henry	On US 6 over FAI 80 about 2 mi. southeast of Colona		0.50	PCC approaches	94,413.98
FAI 80	(37-2,3&4)LS	Int.	Henry	Non-Federal-aid portion of contract			Hwy. gr. sep. struct.	93,715.84
FAI 80	37-5, 6SG	Int.	Henry	Along FAI 80 from 2.25 mi. south of Green River easterly to Atkinson		14.82	PCC approaches	262,785.15
FAI 80		Int.	Henry	Along FAI 80 from 1 mi. west of Atkinson to 1.5 mi. east of Annawan		10.37	Roadside landscaping	1,782.00
FAI 57	41-1B-1	Int.	Jefferson	On FAI 57 over Atchison Creek about 2 mi. north of Ina			Highway signing & delineators	35,699.50
FAI 57	41-1B-2	Int.	Jefferson	At Casey Fork Subsidary on FAI 57 about 5 mi. north of Ina			Dual bridges	181,537.30
FAI 57	41-1HB-2			On Township Road 447 over FAI 57 about 6.5 mi. south of Mt. Vernon			RC triple box culv.	48,224.97
FAI 57	46-1B	Int.	Kankakee	On FAI 57 over south branch of Rock Creek about 1.5 mi. southwest of Manteno		0.24	Hwy. gr. sep. struct.	76,405.53
FAI 57	46-1HB-1			On Township Road 27 over FAI 57 about 3 mi. southwest of Manteno			Gr. or cr. stone base with bit. surf. treat. A-3	33,034.28
FAI 57	46-1HB-2	Int.	Kankakee	On Township Road 11 over FAI 57 about 1 mi. north of Manteno			Dual bridges	131,601.64
FAI 57	46-1HB-3	Int.	Kankakee	On County Highway 16 over FAI 57 about 2.5 mi. north of Manteno		0.27	Hwy. gr. sep. struct.	76,275.22
FAI 57	46-2HB	Int.	Kankakee	On FAI 57 over US 54 about 1.5 mi. north of Bradley		0.47	Gr. or cr. stone surf. course	69,373.14
FAI 57	46-2(1)HB-1			On County Highway 8 over FAI 57 about 3.5 mi. north of Bradley			Dual hwy. gr. sep. structs.	77,963.53
FAI 57	46-2(1)HB-2	State I		On Township Road 63 over FAI 57 about 2 mi. north of Bradley		0.24	Gr. or cr. stone base course with bit. surf. treat. A-3	66,921.85
FAI 57	46-2VB	Int. G		At the following 3 intersections: Court Street with Wall Street, Station Street with Wall Street, and Court Street with Hammes Ave. from and to FAI 57 all in Kankakee		0.29	Hwy. gr. sep. struct.	84,539.68
FAI 57	46-2HB	Int.	Kankakee	On FAI 74 over AT&SF Ry about 0.5 mi. east of Galesburg			Gr. or cr. stone surf. course	53,808.35
FAI 57	48-26VB	Int.	Knox	On FAI 74 over CB&Q RR and US 34 about 1 mi. northeast of Galesburg			Dual hwy. gr. sep. structs.	280,677.59
FAI 57	48-26HVB	Int.	Knox	On FA 29 over FAI 74 about 1 mi. northeast of Galesburg			Hwy. gr. sep. struct.	80,953.97
FAI 57	48-26HB-4	Int. G	Knox	On County Highway 7 over FAI 74 about 0.50 mi. east of Galesburg			Gr. or cr. stone surf. course	43,649.24
FAI 57	48-26HB-5	Int.	Knox				Hwy. gr. sep. struct.	133,719.20
FAI 57		Int. G	Knox				Dual RR gr. sep. structs.	193,178.99
FAI 57		Int.	Knox				Modification of traffic control signals	5,311.40
FAI 57		Int.	Knox				Dual RR gr. sep. structs.	199,154.75
FAI 57		Int.	Knox				Comb. dual hwy.-RR gr. sep. structs.	153,119.34
FAI 57		Int.	Knox				Dual hwy. gr. sep. structs.	242,934.83
FAI 57		Int.	Knox				Hwy. gr. sep. struct.	410,581.55
FAI 57		Int.	Knox				Gr. or cr. stone base with bit. surf. treat. A-3	89,269.65
FAI 57		Int.	Knox			0.47		89,560.16

TABLE 22.—Continued.
PART A.—Continued.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
FAI 74	48-27	Int.	Knox	FAI 74 from East Main Street in Galesburg south- easterly to US 150 east of Knoxville	5.80	Dual PCC pavement	2@24	3,460,368.79
FAI 74	48-27I	State I Int.	Knox	Non-Federal-aid portion of contract				13,493.98
FAI 80	50-3LS	Int.	LaSalle	Along 5.86 mi. of FAI 74 from Galesburg to east of Knoxville	1.15	Highway fencing		8,089.06
FAI 70	60-12HB	Int.	Madison	Along 9.31 mi. of FAI 80 from CH 9 north of Utica easterly to Ill. 23 north of Ottawa	9.31	Roadside landscaping		84,126.00
FAI 70	60-12HB-1	Int.	Madison	On County Highway 13 over FAI 70 about 2 mi. south of Marine	0.59	Hwy. gr. sep. struct. PCC approaches	20	96,890.80 150,280.79
FAI 70	60-13HB	Int.	Madison	On Ill. 143 over FAI 70 about 1.5 mi. southeast of Marine	0.49	Hwy. gr. sep. struct. PCC pavement	24	114,108.10 138,444.71
FAI 70	60-13HB-1	Int.	Madison	On Township Road 330 over FAI 70 about 3 mi. north- west of Highland	0.23	Hwy. gr. sep. struct. Gr. or cr. stone base with bit. surf. treat. A-3	18	88,988.02 38,786.18
FAI 270	60-1E, 60-1F	Int.	Madison	On County Highway 4-B over FAI 70 about 2.5 mi. north of Highland	0.38	Hwy. gr. sep. struct. PCC pavement	22	95,758.08 124,367.72
FAI 270	60-4A 60-4HB-2	Int.	Madison	On County Highway 4-B On FAI 270 over Chain-of-Rocks Canal about 2 mi. west of Mitchell	4.22	Fur. fab. & erecting strtl. st. for dual bridges Roadway grading	136	1,870,174.45 1,271,175.68
FAI 270	60-4VB-1	Int. G	Madison	FAI 270 in and northwest of Glen Carbon On relocated Old Glen Road over FAI 270 at Glen Carbon	0.29	Hwy. gr. sep. struct. Gr. or cr. stone base course with bit. surf. treat. A-3		106,847.97 80,422.40
FAI 270	60-5HB	Int.	Madison	(For balance of contract see Part A—Primary—FA 50—Section 117-2) On FAI 270 over C&NW and NYC&St.L Railroads at Glen Carbon		Dual RR gr. sep. struct.		488,524.80
FAI 270	30-5HB-1	State I Int.	Madison	On relocated County Highway 43 over FAI 270 in Glen Carbon	0.42	Hwy. gr. sep. struct. Gr. or cr. stone base with bit. surf. I-11	22, 22	133,847.21 99,116.71 649.00
FAI 270		State I	Madison	Non-Federal-aid portion of flexible surfacing On Ill. 159 over FAI 270 about 0.5 mi. east of Glen Carbon	0.53	Dual hwy. gr. sep. struct. PCC pavement	2@14, 26	199,211.51 351,704.24 2,710.36

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FAI 70-----	(82-5, 6&60-6, 7, 8, 9)I-2-----	Int.-----	Madison-St. Clair-----	Along 12.78 mi. of FAI 70 between National City and Troy-----	'10.79-----	Highway fencing-----	-----	66,505.05
FAI 55-----	57-4(1)-----	State I-----	-----	Non-Federal-aid portion of contract-----	-----	-----	-----	4,638.90
FAI 55-----	57-4HB-----	Int.-----	McLean-----	FAI 55 from about 1 mi. west of US 51 north of Normal extending easterly-----	3.86-----	Dual PCC pavement-----	2@24-----	2,792,476.12
FAI 55-----	57-4HB-1-----	Int.-----	McLean-----	On Lake Bloomington Road over south-bound US 66 and FAI 55 about 1.5 mi. northeast of Normal-----	-----	Hwy. gr. sep. struct.-----	-----	134,242.64
FAI 55-----	57-6B-----	Int.-----	McLean-----	On FAI 55 north-bound Roadway D over Roadway B and south-bound US 66 about 1.5 mi. northeast of Normal-----	-----	Hwy. gr. sep. struct.-----	-----	149,249.10
FAI 55-----	57-6VB-1-----	Int. G-----	McLean-----	On FAI 55 over Sugar Creek at Bloomington-----	-----	Dual bridges-----	-----	740,139.15
FAI 55-----	57-6HBK-----	Int.-----	McLean-----	On FAI 55 over G M & O RR at Bloomington-----	-----	Dual RR gr. sep. structs.-----	-----	336,647.49
FAI 55-----	57-6HVB-----	Int.-----	McLean-----	Bloomington Belt Line (FAI 55) about 1 mi. west of Bloomington-----	1.00-----	Dual PCC pavement-----	2@24-----	699,711.11
FAI 55-----	57-6HVB-----	Int.-----	McLean-----	On Ill. 9 over FAI 55 west of Bloomington-----	-----	Grading-----	-----	77,500.00
FAI 55-----	57-6HVB-----	Int.-----	McLean-----	On FAI 55 over NYC & St. L RR and US Route 150 about 0.5 mi. northwest of Bloomington-----	-----	Dual hwy. gr. sep. structs.-----	-----	392,593.60
FAI 55-----	57-6HB-2-----	Int.-----	McLean-----	-----	-----	Comb. dual hwy.-RR gr. sep. structs.-----	-----	273,269.04
FAI 55-----	57-6HB-3-----	Int. G-----	-----	-----	0.26-----	RC box culvert-----	-----	266,587.12
FAI 55-----	57-6HB-3-----	Int.-----	McLean-----	On Oakland Ave. over FAI 55 in Bloomington-----	-----	Gr. or cr. stone surf. course-----	18-----	53,267.45
FAI 55, 74-----	57-7, -7HB-2, -20 -20HB, -20HB-1-----	Int.-----	McLean-----	On FAI 55 over Six Points Road southwest of Bloomington-----	0.39-----	Hwy. gr. sep. struct.-----	22, 20-----	35,642.21
FAI 55-----	57-7HB-----	Int.-----	McLean-----	Relocated US 66 at interchange of US 66, FAI 55 and 74 all about 0.5 mi. southwest of Bloomington-----	0.17-----	Flex. base, A-3-----	22, 20-----	104,336.54
FAI 55-----	57-7HB-----	Int.-----	McLean-----	On Cabin Town Road over FAI 55-----	-----	Dual hwy. gr. sep. structs.-----	-----	79,696.69
FAI 55-----	57-7HB-----	Int.-----	McLean-----	Approaches to structure-----	0.18-----	Flex. base, A-3-----	22, 20-----	149,100.12
FAI 55, 74-----	57-5; 57-19-----	Int.-----	McLean-----	On FAI 55 over CM&O RR all southwest of Bloomington-----	1.64-----	Dual hwy. gr. sep. struct.-----	-----	15,366.65
FAI 74-----	57-19HB-----	Int.-----	McLean-----	FAI 55 extending easterly and southerly and on FAI 74 extending westerly from and including interchange of FAI 55 with FAI 74 northwest of Normal-----	0.66-----	Dual PCC pavement-----	2@24-----	87,776.51
FAI 74-----	57-20HB-2-----	Int.-----	McLean-----	On White Oak Church Road over FAI 74 about 2 mi. northwest of Normal-----	-----	Roadway grading-----	-----	939,508.66
FAI 74-----	57-20HB-2-----	Int.-----	McLean-----	On Morris Ave. over FAI 74 about 1.5 mi. southwest of Bloomington-----	0.18-----	Dual hwy. gr. sep. structs.-----	-----	244,691.67
FAI 74-----	57-20HB-3-----	Int.-----	McLean-----	On FAI 74 over US 51 about 2.5 mi. south of Bloomington-----	5.41-----	Hwy. gr. sep. struct.-----	2@24-----	383,205.42
FAI 74-----	57-20SB-----	Int. G-----	McLean-----	On IC RR over FAI 74 about 2.6 mi. south of Bloomington-----	0.39-----	Roadway grading-----	136-----	114,117.64
FAI 74-----	57-20SB-----	Int.-----	McLean-----	-----	0.18-----	Gr. or cr. stone base course with bit. surf. treat. A-3-----	18-----	54,146.55
FAI 74-----	57-20SB-----	Int.-----	McLean-----	-----	-----	Dual RR gr. sep. structs.-----	-----	20,110.82
FAI 74-----	57-20SB-----	Int.-----	McLean-----	-----	-----	Dual PCC pavement-----	2@24-----	279,575.27
FAI 74-----	57-20SB-----	Int.-----	McLean-----	-----	0.39-----	Dual PCC pavement-----	2@24-----	1,959,787.46
FAI 74-----	57-20SB-----	Int.-----	McLean-----	-----	0.30-----	Hwy. gr. sep. struct.-----	-----	77,510.50
FAI 74-----	57-20SB-----	Int.-----	McLean-----	-----	0.30-----	Flex. base, bit. surf. treat. A-3-----	22, 20-----	44,494.30
FAI 74-----	57-20SB-----	Int.-----	McLean-----	-----	-----	Hwy. gr. sep. struct.-----	-----	82,939.93
FAI 74-----	57-20SB-----	Int.-----	McLean-----	-----	-----	Gr. or cr. stone base with bit. surf. treat. A-3-----	18, 18-----	57,523.57
FAI 74-----	57-20SB-----	Int.-----	McLean-----	-----	-----	Dual hwy. gr. sep. structs.-----	-----	255,775.59
FAI 74-----	57-20SB-----	Int.-----	McLean-----	-----	-----	RR gr. sep. struct.-----	-----	223,364.17

TABLE 22.—Continued.
PART A.—Continued.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
FAI 74	Dist. 4 Building Demolition '63-2	State I	Peoria	Right-of-way of FAI 74 in Peoria (For balance of contract see Part A—Primary—SBI Routes 121 and 97—Tazewell and Fulton Counties)		Removal of 5 buildings		1,417.50
FAI 74	72-5I	Int.	Peoria	Along FAI 74 about 5 mi. northwest of Peoria	2.23	Highway fencing		9,683.52
FAI 74	72(5, 5I-1)	Int.	Peoria	FAI 74 between Kickapoo-Edwards Road and Koer- ner Road northwest of Peoria	3.98	Dual PCC pavement	2@24	2,078,876.67
FAI 74	72-6	State I	Peoria	Non-Federal-aid portion of contract				3,460.00
FAI 74	72-6A	State I	Peoria	FAI 74 from about 3 mi. northwest of Peoria easterly	3.98	Highway fencing		15,384.85
FAI 74	72-6B	Int.	Peoria	Non-Federal-aid portion of contract	2.42	Dual PCC pavement	2@24	1,920,385.55
FAI 74	72-6VB	Int. G	Peoria	FAI 74 about 2 mi. northwest of Peoria At Big Hollow Creek	0.46	Roadway grading	136	2,575.50
FAI 74	72-7, 7HBB-2, 7HBB-3, 7I, 7HBB-4	Int.	Peoria	On FAI 74 over C&NW Ry. All about 2 mi. northwest of Peoria		RC double box culv. Dual RR gr. sep. structs.		144,884.15 234,424.25 217,023.43
FAI 57	77-1B	State I	Pulaski	FAI in Peoria	2.92	Dual PCC pavement	2@24	2,232,993.90
FAI 57	77-1B-1	Int.	Pulaski	At South Trumpet Cross Road and Gale Ave.	0.13	Gr. and cr. stone base with bit. conc. surf. B-5	24, 22	11,562.45
FAI 57	77-1B-2	Int.	Pulaski	At west branch of Dry Creek and Dry Run Creek		2 triple RC box culv.		281,485.59
FAI 57	77-1B-3	Int.	Pulaski	On Forrest Hill Ave., Gale Ave. and Bradley Park Road over FAI 74		3 Hwy. gr. sep. structs.		979,982.02
FAI 57	77-1B-4	Int.	Pulaski	Non-Federal-aid portion of contract		Hydraulic flume		350.00
FAI 57	77-1B-5	Int.	Pulaski	On FAI 57 over Little Creek about 2 mi. northwest of Ullin		Dual bridges		1,380,831.61
FAI 57	77-1B-6	Int.	Pulaski	On FAI 57 over Cache River Overflow Channel about 0.75 mi. east of Ullin		Dual bridges		212,582.58
FAI 57	77-1B-7	Int.	Pulaski	On FAI 57 over Cache River about 1 mi. east of Ullin	0.10	Roadway grading	122	285,837.20
FAI 57	77-1B-8	Int.	Pulaski	On FAI 57 over Township Road 7 about 1 mi. north- east of Ullin		Dual bridges		69,588.50
FAI 57	77-1B-9	Int. G	Pulaski	On FAI 57 over C&EI RR about ¾ mi. northeast of Ullin		Dual hwy. gr. sep. structs.		175,822.49
FAI 74	81-2	Int.	Rock Island	FAI 74 between Ill. 2 and US 6 south of Moline		Dual RR gr. sep. structs.		94,661.71
FAI 74	81-2	State I	Rock Island	Non-Federal-aid portion of pavement	0.73	Dual PCC pavement	2@24	196,214.95
FAI 74, 80	81-2SG, I; (06-1, 2, 3, 4, 5, 6, 7)SG	Int.	Rock Island-Bureau	(For balance of contract see Part A—Primary—FA Route 138 and SBI 80—Section (33,40)-1 and 11C)				1,020,159.92
FAI 74, 80	81-2SG, I; (06-1, 2, 3, 4, 5, 6, 7)SG	Int.	Rock Island-Bureau	Along FAI 74 from about 2 mi. east of Milan easterly and along FAI 80 from Henry-Bureau County line easterly	39.94 6.46	Highway signing Highway fencing		1,626.85 143,474.93 33,174.40

				DESIGN			
FAI 74	81-3WS-1	State I	Rock Island	On FAI 74 about 3 and 5 mi. southeast of Moline, respectively	2 truck weigh stations	59,580.46	
FAI 80	81, 37-2B	Int.	Rock Island	On FAI 80 over Rock River about 2 mi. east of Barstow	Dual bridges	1,270,358.09	
FAI 280	81-1-B1	Int.	Rock Island	On FAI 280 over Mill Creek about 0.25 mi. east of Milan	Dual bridges	222,984.16	
	81-1HB			On Southwest Approach Road over FAI 280 about 2 mi. west of Milan	Dual hwy. gr. sep. structs.	459,905.87	
FAI 280	81-1-HB-1	Int.	Rock Island	On FAI 280 over West Fourth Street in Milan	Dual hwy. gr. sep. structs.	207,120.55	
FAI 280	81-1VB	Int. G	Rock Island	On FAI 280 over CRI&P RR about 2 mi. southeast of Rock Island	Dual RR gr. sep. structs.	303,943.20	
FAI 280, 74	(81-2, 81-3, 37-1) LS	Int.	Rock Island-Henry	Along FAI 280 and 74 from Milan easterly	Roadside landscaping	99,369.00	
FAI 55	(84-2, 3) I-1	Int.	Sangamon	Along 15 mi. of FAI 55 (Springfield Belt Line) from about 1.5 mi. north of Sherman southerly	Highway fencing	52,550.34	
				Non-Federal-aid portion of contract		330.01	
FAI 55	84(2, 3) L	State I	Sangamon	Along FAI 55 at 2 rest areas north and south of Sangamon River north of Springfield and at intersections with Sangamon Ave., Clear Lake Ave., South Grand Ave., East Lake Drive, and Hazel Dell Road in and south of Springfield			
						196,913.55	
						11,543.78	
						37,579.51	
						16,799.66	
						9,454.07	
FAI 55	2L	State I			Highway lighting		
						8.62	
						0.75	
						0.30	
						0.09	
FAI 55	8L	U					
						8.44	
						15.17	
FAI 55	S4-2LS	Int.	Sangamon	Along FAI 55 from 2.50 mi. north of Sherman southerly	Roadside landscaping	88,394.55	
				Along FAI 55 between Sherman and Hazel Dell Road interchange south of Springfield	Furnishing & erecting traffic signs and delineators		
FAI 55	S4-2SG, 3SG	Int.	Sangamon	Non-Federal-aid portion of contract			
						144,227.32	
						15,654.32	
FAI 55, FA 196	84-3LS, 2LS	State I					
						66,219.95	
						2,945.35	
						1,488.35	
FAI 57	87-1HB-1	U					
						98,881.30	
						108,972.19	
						307,618.62	
						241,467.31	
						62,630.79	
						34,588.36	
						40,925.70	
						3,204.50	
						29,522.80	
						4,995.00	
FAI 57	87-1HB-1	Int.	Shelby	On County Highway 23 over FAI 57 about 0.50 mi. east of Sigel	Hwy. gr. sep. struct.		
					Gr. or er. stone base course with bit. surf. treat. A-3	22, 20	
FAI 64	82-4HB-1	Int.	St. Clair	On FAI 64 over relocated FA 70 about 2 mi. southwest of Caseyville	Dual hwy. gr. sep. structs.		
					Dual PCC pavement	2@24	
FAI 70	(S2-5, 6, 60-6) LS	Int.	St. Clair-Madison	Along FAI 70 between National City and Collinsville	Roadside landscaping		
				Non-Federal-aid portion of contract			
FAI 74	90(14) LS	State I	Tazewell	Along FAI 74 from East Peoria to north of Morton	Roadside landscaping		
				Non-Federal-aid portion of contract			
FAI 74	90(14-1) LS	Int.	Tazewell	Along FAI 74 in East Peoria	Roadside landscaping		
				Non-Federal-aid portion of contract			
FAI 74	90(15-1, 15) LS	State I	Tazewell	Along FAI 74 from northwest of Morton to Tazewell-Woodford County line	Roadside landscaping		
				Non-Federal-aid portion of contract			
FAI 74	90-15I-1	State I	Tazewell	On 6.82 mi. of FAI 74 from 0.5 mi. north of Morton easterly	Highway fencing		
						1.12	
						4,505.13	

TABLE 22.—Continued.
PART A.—Continued.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
FAI 57	91-1LS	Int.	Union	Along FAI 57 from Union-Johnson County line south- westerly	3.83	Roadside landscaping		86,671.50
FAI 74	(92-9, 92-10)I-1	State I	Vermilion	Non-Federal-aid portion of contract		Drainage improvements		86,336.90
FAI 74	92-11	Int.	Vermilion	FAI 74 between Ill. 49 and US 150 west of Danville	2.62	Dual PCC pavement	2@24	14,907.60
FAI 74	92-11HB-5	Int. U	Vermilion	FAI 74 from about 2.5 mi. west of Tilton easterly	1.59	Dual PCC pavement	2@24	2,059,549.36
FAI 74		Int.	Vermilion	On Georgetown Road (US 150) over FAI 74 about 0.25 mi. south of Danville		Hwy. gr. sep. struct.		287,009.58
FAI 74	92-11HB-6	Int. U	Vermilion	Over FAI 74 about 0.25 mi. south of Danville		Pedestrian overpass struct.		960,877.20
FAI 74	92-11SB	Int. U	Vermilion	On Wabash Railroad over FAI 74 in Tilton		RR subway struct.		287,978.96
FAI 74	92-11VB	Int. G	Vermilion	On FAI 74 over Wabash Railroad and "L" Street in Tilton south of Danville		Dual comb. RR-hwy. gr. sep. structs.		86,166.70
FAI 74		Int. G	Vermilion	Along FAI 74 between Wabash RR in Tilton and east of Bowman Ave. in Danville	0.13	PCC pavement	16, 26	72,455.37
FAI 74	92(11, 12)L	Int.	Vermilion	FAI 74 from Danville easterly to FA 11 Spur	2.86	Highway lighting installations		21,561.97
FAI 74	92-12	Int. U	Vermilion	On FAI 80 over Rock Run Creek about 2 mi. south- west of Joliet	0.53	Highway lighting installations		428,699.82
FAI 80	92-12HB-3	Int.	Will	Right-of-way of FAI 80 between Larkin Ave. and Wheeler Ave. in Joliet	4.62	Dual PCC pavement	2@24	128,051.23
FAI 80	99-2B	Int.	Will	On Township Road 92 over FAI 80 about 2.5 mi. Southwest of Rockdale		Hwy. gr. sep. struct.		182,492.99
FAI 80	99-2DM	Int.	Will	On FAI 80 over Midland Ave. in Joliet		Dual bridges		228,606.38
FAI 80	99-2HB-1	Int.	Will	Non-Federal-aid portion of contract		Removal of 70 buildings from right-of-way		77,993.96
FAI 80		State I	Will	On Larkin Ave. over FAI 80 at Joliet	0.34	Hwy. gr. sep. struct.	18	112,518.55
FAI 80	99-2HB-3	Int.	Will	On FAI 80 over Midland Ave. in Joliet	0.84	Hwy. gr. sep. struct.		11,922.33
FAI 80	99-2HB-4	Int.	Will	Non-Federal-aid portion of contract	0.15	Dual PCC pavement	2@24	2,597,757.46
FAI 80	99-3F & E	State I	Will	On FAI 80 over DesPlaines River		Dual hwy. gr. sep. structs.	20	80,048.56
FAI 80	(99-4)DM	Int.	Will	Right-of-way of FAI 80 between DesPlaines Street and Miles Ave. in Joliet		PCC pavement		115,193.70
						Fur. & fab. strl. st. for dual bridges		18,173.00
						Removal of 495 buildings		107,508.65
								35,794.78
								450.90
								317,723.52
								514,405.85
								127,217.68
								46,619.80
								14,410.15
								1,810,587.08
								149,980.00

Total Federal-aid interstate highway contracts awarded by the State.....\$113,734,577.14

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
FAI 55	207-1414.2-CF	Int.	Cook	On Southwest Expressway (FAI 55) east of California Ave.	0.25	Roadway grading		\$ 399,289.28
FAI 55	207-1415.1A-CF	EBI	Cook	Along right-of-way of Southwest Expressway (FAI 55) from Damen Ave. to east of California Ave.		Building removal		3,100.00
FAI 55	207-1515.1A-CF	EBI	Cook	Along right-of-way of Southwest Expressway (FAI 55) from Ashland to Damen Avenues		Building removal		23,750.00
FAI 55	207-1516.3-CF	Int.	Cook	Along Southwest Expressway (FAI 55) from Wood Street to Western Blvd.		Main drain		218,694.92
FAI 55	207-1616.1A-CF	EBI	Cook	Along right-of-way of Southwest Expressway (FAI 55) from Ashland Ave. to Throop Street		Building removal		97,890.00
FAI 55	207-1616.2A-CF	EBI	Cook	Along right-of-way of Southwest Expressway (FAI 55) from Throop Street to Halsted Street		Building removal		129,918.40
FAI 55	207-1616.2B-CF	EBI	Cook	Along right-of-way of Southwest Expressway (FAI 55) from Throop Street to Halsted Street		Building removal		25,083.75
FAI 55	207-1616.3-CF	EBI	Cook	Along Southwest Expressway (FAI 55) from Mary Street to South Fork of South Branch of Chicago River		Building removal		256,611.00
FAI 55	207-1616.5-CF	Int.	Cook	Along FAI 55 from Bonfield to Farrell Streets in Chicago		Main drain		156,950.00
FAI 55	207-1616.6-CF	Int.	Cook	On Southwest Expressway (FAI 55) over South Fork of South Branch of Chicago River		Frontage roads		1,125,221.38
FAI 55	207-1616.7-CF	Int.	Cook	On Southwest Expressway (FAI 55) over Lock Street		Dual bridges		1,021,097.80
FAI 55	207-1616.9-CF	Int.	Cook	On Southwest Expressway (FAI 55) over Throop Street		Dual hwy. gr. sep. structs.		449,389.90
FAI 55	207-1616.10-CF	EACI	Cook	On Southwest Expressway (FAI 55) over Quarry Street and Archer Ave.		Dual hwy. gr. sep. structs.		2,686,412.45
FAI 57	068-2122-CF	Int.	Cook	On West 103rd Street over West Leg of South Expressway		Dual hwy. gr. sep. structs.		387,360.42
FAI 57	068-2222.3-CF	Int.	Cook	On Genoa Ave. over West Leg of South Expressway (FAI 57)		Hwy. gr. sep. struct.		449,724.76
FAI 57	068-2323.10-CF, .11-CF	EBI	Cook	Along West Leg of South Expressway (FAI 57) from Halsted Street to 96th Street		Hwy. gr. sep. struct.		123,817.05
FAI 57	068-2323.12-CF, .13-CF	Int.	Cook	Along West Branch of South Expressway (FAI 57) from Halsted to 96th Streets		Highway lighting		53,280.25
FAI 90	066-1215-CF, Pt. A	EBI	Cook	Along South Expressway (FAI 90) from 96th Street to Cottage Grove Ave.		Highway landscaping		67,616.00
FAI 90	066-1215-CF, Pt. B	EBI	Cook	Along South Expressway (FAI 90) from Cottage Grove Ave. to 100th Street and Doty Ave.		Highway landscaping		67,475.00
FAI 90	066-1919.6B	State I	Cook	Dan Ryan Expressway (FAI 90) from 68th to 63rd Streets		Storm sewer cleaning		45,750.00
FAI 90	066-1919.11A-CF	EBI	Cook	Along Dan Ryan Expressway (FAI 90) from 63rd to 69th Streets		Highway landscaping		38,127.50
FAI 94, 90, 57	066-1919.16-CF, 066-1919.17-CF, 066-1519.1-CF, 066-1215.1-CF, 068-2323.15-CF, 068-2323.14-CF	EBI	Cook	Along Dan Ryan and Calumet Expressways from 63rd to 109th Street and Doty Ave. and FAI 57 from 96th to Halsted Streets		Expressway signing		415,755.84

DESIGN

TABLE 22.—Continued.
PART A.—Continued.

FEDERAL-AID INTERSTATE CONTRACTS AWARDED BY THE CITY OF CHICAGO.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
FAI 55	SW-1717.2-1B	Int.	Cook	On Southwest Expressway (FAI 55) over South Halsted Street	-----	Highway gr. sep. struct.	-----	\$ 492,799.75
FAI 55	SW-1717.8-1D	Int.	Cook	Along Southwest Expressway (FAI 55) from 27th to 23rd Street thence to Franklin Street Connector	-----	Main drain	-----	548,174.00
FAI 55	SW-1717.9-1W-2W	Int.	Cook	Along right-of-way of Southwest Expressway between South Halsted Street and South Wallace Street	-----	Building removal	-----	28,900.00
FAI 55	SW-1717.9-7W	Int.	Cook	Along right-of-way of Southwest Expressway (FAI 55) between South Wentworth Ave. and CRI&P RR	-----	Building removal	-----	83,000.00
FAI 94	0202.10-1L	Int.	Cook	On Northwest Expressway (FAI 94) from West Wayman Street to West Kinzie Street	-----	Underpass lighting	-----	122,993.95

Total Federal-aid interstate highway contracts awarded by the City of Chicago----- \$1,275,867.70

DESIGN

PRIMARY HIGHWAY CONTRACTS AWARDED BY THE STATE (EXCLUDING FEDERAL-AID INTERSTATE CONTRACTS)

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
SBI 96	(124, 125, 126, 127) I.	State P	Adams-Hancock	Along Ill. 96 (SBI 96) from CB&Q RR north of Ursa northerly	16.13	Gr. or cr. stone shoulders	2@3	\$ 88,460.20
FA 194	6	F	Boone-Winnebago	Rockford Bypass (FA 194) from Mill Road to Illinois Tollway 90 in and east of Cherry Valley	0.36 1.47	Dual PCC pavement PCC pavement	2@24 24	241,200.12 355,351.18 6,876.00
SBI 5	14L	State P State P	Boone	Non-Federal-aid portion of contract At intersection of US 20 (SBI 5) with Genoa Road east of Belvidere	0.10 4.79	Highway lighting PCC pavement	----- 22	10,527.28 1,130,771.33 64,093.42
FA 25	4HB	U	Christian	Over Senachwine Creek Overflow about 1 mi. north of Putnam	-----	Bridge	-----	36,428.72
FA 6	8R-L	F	Cook-Kane	On Proposed Ill. 29 (FA 25) over FA 65 about 0.5 mi. southeast of Taylorville	-----	Hwy. gr. sep. struct.	-----	75,927.95
FA 20	Dist. 10 Land- scaping '63-1	U State P	-----	At ten (10) locations on Elgin Bypass (US 20-FA 6) western to eastern intersections with Business US 20 in Elgin	6.08	Highway lighting	-----	41,362.29 43,907.39 5,270.96
FA 42	3128-Z-L	State P U	Cook Cook	Non-Federal-aid portion of contract At intersection of Northwest Highway (FA 20) with Hicks Road in Palatine At intersection of Harlem Ave. (Ill. 42A-FA 42) with 95th Street at Bridge View	0.10 0.97	Roadside landscaping Highway lighting	-----	6,031.30 96,719.31

FA 122	0303-751-I	F	Cook	Calumet Expressway (FA 122) Frontage Road. All at intersection of Calumet Expressway with Lincoln Highway near East Chicago Heights Stony Island Ave. (FA 122) from south of 95th Street southerly in Chicago. On Ill. 7 (FA 125) over Calumet Sag Channel about 0.25 mi. northeast of Palos Park. On relocated Lawndale Ave. (FA 133) over GM&O RR in Summit. On relocated Lawndale Ave. (FA 133) over Chicago Sanitary and Ship Canal, Canal Bank Road and Lagoon Road in Summit. Canal Bank Road Over Ramp E of Lawndale Ave. interchange On Lawndale Ave. (FA 133) at Chicago Sanitary and Ship Canal. (For balance of contract see Part A—Interstate—Cook County—FAI Route 55—Section 0707-616I) Springfield Ave. (SBI 10) between Mattis Ave. and Russell Street in Champaign. At 8 intersections on Joliet Road (SBI 4—US 66) with Lawndale Ave., First Ave., 55th Street, East Ave., LaGrange Road, Brainard Ave., Willow Springs Road and Wolf Road, all between Lyons and Tri-State Tollway. Villa Street (US 20—SBI 5) between Poplar Creek and Wright Ave. in Elgin. Along Ogden and Cicero Ave. interchange in Cicero Non-Federal-aid portion of contract. At interchange of Ogden Ave. (SBI 18) with Cicero Ave. in Cicero. Non-Federal-aid portion of contract. At intersection of Mannheim Road (SBI 46—US 12) with Roosevelt Road (SBI 6—US 30A) in Westchester. Non-Federal-aid portion of contract. On Cicero Ave. (Ill. 50—SBI 50) over Calumet Sag Channel. At the following two (2) intersections: Cicero Ave. (SBI 50) with 103rd Street Cicero Ave. with 111th Street both in Oak Lawn. At intersection of 95th Ave. (SBI 51) with 95th Street west of Hickory Hills	0.17 0.28	PCC pavement. Bit. conc. surf.	24 22	36,194.10 38,471.30
FA 122	0506R	State P	Cook	On relocated Lawndale Ave. (FA 133) over Chicago Sanitary and Ship Canal, Canal Bank Road and Lagoon Road in Summit.	0.08	PCC pavement	2@40	62,968.35
FA 125	035-1212-15d-Z-R	State P	Cook	On Ill. 7 (FA 125) over Calumet Sag Channel about 0.25 mi. northeast of Palos Park.		Bridge reconstruction		198,373.00
FA 133	0707-617VB	UG	Cook	On relocated Lawndale Ave. (FA 133) over GM&O RR in Summit.		Dual RR gr. sep. structs.		844,445.30
FA 133	0707-626B, 0707-610HB	U	Cook	On relocated Lawndale Ave. (FA 133) over Chicago Sanitary and Ship Canal, Canal Bank Road and Lagoon Road in Summit.		Dual comb. bridge-hwy. gr. sep. structs.		1,122,668.76
FA 133	0707-626I	U	Cook	On Lawndale Ave. (FA 133) at Chicago Sanitary and Ship Canal.	0.18	Roadway grading	34	19,330.48
FA 133	0707-626I	U	Cook	On Lawndale Ave. (FA 133) at Chicago Sanitary and Ship Canal.		Dual hwy. gr. sep. structs.		187,428.19
FA 133	0707-626I	U	Cook	On Lawndale Ave. (FA 133) at Chicago Sanitary and Ship Canal.		4 cells for protection of bridge piers		134,980.70
SBI 10	32R	U	Champaign	(For balance of contract see Part A—Interstate—Cook County—FAI Route 55—Section 0707-616I) Springfield Ave. (SBI 10) between Mattis Ave. and Russell Street in Champaign.	0.45	Dual PCC pavement	2@24	317,822.72
SBI 4	Dist. 10 Traffic Signals '63-1	State P	Cook	At 8 intersections on Joliet Road (SBI 4—US 66) with Lawndale Ave., First Ave., 55th Street, East Ave., LaGrange Road, Brainard Ave., Willow Springs Road and Wolf Road, all between Lyons and Tri-State Tollway.		Rehabilitation of traffic control signals		56,113.50
SBI 5	7Y-T	State P	Cook	Villa Street (US 20—SBI 5) between Poplar Creek and Wright Ave. in Elgin.	0.37	Storm sewers		32,691.40
SBI 18	9-SG, 9-SG-1	U	Cook	Along Ogden and Cicero Ave. interchange in Cicero		urnishing and erecting traffic signs		182,919.21
SBI 18	9TS-1	State P	Cook	Non-Federal-aid portion of contract. At interchange of Ogden Ave. (SBI 18) with Cicero Ave. in Cicero.		Traffic control signals		1,659.60
SBI 46, 6	464-Y-2-TS	State P	Cook	Non-Federal-aid portion of contract. At intersection of Mannheim Road (SBI 46—US 12) with Roosevelt Road (SBI 6—US 30A) in Westchester.		Modification of traffic control signals		65,643.05
SBI 50	3068-BR	State P	Cook	Non-Federal-aid portion of contract. On Cicero Ave. (Ill. 50—SBI 50) over Calumet Sag Channel.		Bridge repair		3,331.30
SBI 50	3068-NRM-2-Z-Y-TS	State P	Cook	Non-Federal-aid portion of contract. On Cicero Ave. (Ill. 50—SBI 50) over Calumet Sag Channel.		Channel grading		16,908.57
SBI 50	3068-NRM-2-Z-Y-TS	State P	Cook	Non-Federal-aid portion of contract. On Cicero Ave. (Ill. 50—SBI 50) over Calumet Sag Channel.		Bridge repair		1,144.64
SBI 50	3068-NRM-2-Z-Y-TS	State P	Cook	Non-Federal-aid portion of contract. On Cicero Ave. (Ill. 50—SBI 50) over Calumet Sag Channel.		Channel grading		347,987.50
SBI 50	3068-NRM-2-Z-Y-TS	State P	Cook	Non-Federal-aid portion of contract. On Cicero Ave. (Ill. 50—SBI 50) over Calumet Sag Channel.		Channel grading		99,804.50
SBI 51	Dist. 10 Intersection Lighting '63-1	State P	Cook	At the following two (2) intersections: Cicero Ave. (SBI 50) with 103rd Street Cicero Ave. with 111th Street both in Oak Lawn. At intersection of 95th Ave. (SBI 51) with 95th Street west of Hickory Hills	0.20	Modification of traffic control signals		40,579.50
SBI 51	Dist. 10 Intersection Lighting '63-1	State P	Cook	At intersection of 95th Ave. (SBI 51) with 95th Street west of Hickory Hills		Highway lighting		23,762.83

DESIGN

TABLE 22.—Continued.
PART A.—Continued.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
SBI 53	531-1-TS	State P	Cook	On Algonquin Road at northeast and northwest ramps and northeast and northwest Loops to and from Ill. 53 (SBI 53) southwest of Rolling Meadows		Traffic control signals		28,944.49
SBI 53	531-2	U	Cook	Ill. 53 (SBI 53) from near Kirchoff Road extending northerly and northeasterly to about 0.14 mi. southwest of Northwest Highway in Rolling Meadows and Palatine Township	1.30	Dual PCC pavement	26, 35, 2@24	2,626,935.42
SBI 53	531-2HB	U	Cook	On Euclid Ave. over relocated Ill. 53 (SBI 53) at Rolling Meadows		Hwy. gr. sep. struct.		224,317.00
SBI 53	531-2HB-1	U	Cook	On relocated Ill. 53 (SBI 53) over Industrial Ave. in Rolling Meadows		Dual hwy. gr. sep. structs.		227,059.67
SBI 53	531-2-I	U	Cook	Along relocated Ill. 53 (SBI 53) from Northwest Tollway to C&NW Ry in Rolling Meadows	3.18	Highway fencing		61,287.11
SBI 53	3277-Z-T	U	Cook	On 159th Street (SBI 53) between Cicero Ave. and Dixie Highway south of Chicago	1.31	Storm sewers		359,636.20
SBI 53	3277-Z-Y-1-TS	U	Cook	At two (2) intersections: 159th Street (US 6—SBI 53) with Cicero Ave. and with Kedzie Ave.		Modification of traffic control signals		33,507.89 2,007.33
SBI 60	B-119-Y (TS, L)	State P State P	Cook	Non-Federal-aid portion of contract. At the following 3 intersections: Rand Road (SBI 60—US 12) with River Road and Lee Street, Rand Road with Lee Street Cut-off, and River Road with Lee Street Cut-off all in DesPlaines		Traffic control signals & highway lighting		155,979.90
SBI 60	ZR Y-Ext., ZR-1-LS	State P	Cook	Along Rand Road (US 12—SBI 60) at Arlington Heights	0.39	Roadside landscaping		37,777.25
SBI 60	Dist. 10 Traffic Signals '63-4	State P	Cook	At the following 5 intersections: On Rand Road (SBI 60) with Hicks Road, Dundee Road, Central Road, Wolf Road and with Evanston-Elgin Road all between Tri-State Tollway and Kildeer		Traffic control signals		25,953.65
Various	1963-1R	State P	Cook	On 47th Street under IHB RR near Archer Ave. and on 95th Street at IC RR near Cottage Grove Ave. both in Chicago and on 159th Street at IC RR near South Park Ave. in Harvey	0.22	PCC pavement	Var.	84,765.60
Various	Dist. 5 Traffic Signal Reconstruction '63-1	State P	Champaign-Coles- Edgar-Macon	At 11 intersections on various routes in Champaign, Coles, Edgar and Macon Counties		Rehabilitation of traffic control signals		20,179.93
Various	Dist. 10 Traffic Signals '63-3	State P	Cook	At nine (9) intersections all in Cook County		Traffic control signals		95,425.89
Various	Dist. 10 Traffic Signals '63-5	State P	Cook	At fifteen (15) intersections in Cook County		Furnishing and installing traffic control signals		193,585.62
Various	Dist. 10 Traffic Signals '63-6	State P	Cook	At 9 intersections on various routes in Cook County		Modification of traffic control signals		49,973.00

DECEMBER

Various.....	Dist. 10 Traffic Signals '63-7.....	State P.....	Cook.....	At ten (10) intersections in Cook County.....	Rehabilitation of traffic con- trol signals.....	95,861.14
SBI 1.....	18BR.....	F.....	Crawford.....	On Ill. 1 (SBI 1) over Sugar Creek about 2 mi. south of Flat Rock.....	Bridge reconstr.....	65,542.10
SBI 72.....	127S-1.....	State P..... State P.....	DeKalb.....	Non-Federal-aid portion of contract..... Adjacent to Illinois Central Railroad structure over Ill. 72 at Genoa.....	Constr. of two (2) RC crib walls.....	1,398.00
US 34, Alt. US 30, US 20.....	Dist. 1 Traffic Signals '63-1.....	State P.....	DuPage.....	At the following 5 intersections on Ogden Ave. (US 34—SBI 18) with York Road, Cass Ave., Belmont Road, Fairview Ave. and Main Street; at 5 inter- sections on Roosevelt Road (Alt. US 30—SBI 6) with Ill. 56, Midwest Road, Meyers Road, High- land Ave. and Main Street; and at 3 intersections on Lake Street (US 20—SBI 5) with Addison Road, Ill. 53 and Roselle Road all in DuPage County.....		4,373.05
SBI 59.....	(112, 113) L.....	State P.....	DuPage.....	On Ill. 59 (SBI 59) at the intersection with Ill. 65 and at intersection with US 34 about 1½ mi. west of Naperville.....	Rehabilitation of traffic con- trol signals.....	19,958.70
SBI 64.....	(130, 131) RS-I-2.....	State P.....	DuPage.....	Ill. 64 (SBI 64) at eleven (11) side road connections and frontage road near Carol Stream, Glendale, Lombard, Villa Park and Elmhurst.....	Highway lighting.....	20,886.21
Various.....	Dist. 1 Traffic Signals '63-2.....	State P.....	DuPage-Lake-McHenry.....	At the following 8 intersections: Alt. US 30 with Joliet Street..... Ill. 53 with Warrenville Road..... Ill. 55 with Midwest Road..... Ill. 56 with Midwest Road..... Ill. 64 with Villa Ave..... US 14 with Main Street..... Ill. 59 with Ill. 173 and..... Ill. 83, 21 with Ill. 173.....	Gr. or cr. stone base course with bit. surf. treat. B-5.....	46,503.17
Various.....	Dist. 1 Traffic Signals '63-3.....	State P.....	DuPage-Lake.....	At 16 intersections on various routes: 2 in DuPage County and 14 in Lake County.....	Traffic control signals.....	74,837.53
SBI 14.....	4-2.....	F..... State P.....	Franklin.....	Relocated Ill. 14 (SBI 14) in West City..... Non-Federal-aid portion of pavement..... (For balance of contract see Part A—Interstate—FAI Route 57—Section 28-3HB-1)	Modification of traffic control signals..... Dual PCC pavement.....	27,719.45 472,511.25 1,200.00
SBI 78..... SBI 97.....	134SB..... Dist. 4 Building Demolition '63-2.....	FG..... State P.....	Fulton..... Fulton.....	On CB&Q R.R. over Ill. 78 (SBI 78) at Norris..... Right-of-way of Ill. 116 (SBI 97) about 0.75 mi. south- east of London Mills.....	Railroad subway struct.....	149,773.39
SBI 121.....			Tazewell.....	Right-of-way of Ill. 121 (SBI 121) about 5 mi. south of intersection with Ill. 9..... (For balance of contract see Part A—Interstate—FAI Route 74—Peoria County)	Removal of 2 buildings..... Removal of 5 buildings.....	565.00 1,417.50

TABLE 22.—Continued.
PART A.—Continued.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
SBI 13	10-2B	F	Gallatin	On Ill. 13 (SBI 13) over north fork of Saline River near Equality		Bridge		265,059.25
FA 155	502VB	F	Greene	On FA 155 over GM&O RR and Hurricane Creek near Hillview		Comb. bridge & RR gr. sep. struct.		150,761.67 52,638.93
		FG F			0.60	Gr. or cr. stone base course with bit. surf. treat. A-3 RR gr. sep. struct.		152,507.34 91,956.60
FA 6	27VB	State P	JoDaviess	On Ill. 20 (FA 6) over CGW Ry in Elizabeth		Dual PCC pavement	2@24	1,879,962.07
SBI 5	43	F	JoDaviess	Great River Road (US 20—SBI 5) between East Du- buque and the Menominee River		Dual bridges		151,134.10
SBI 5	43B	F	JoDaviess	On US 20 (SBI 5) over Menominee River about 2 mi. west of Menominee	3.53	RR gr. sep. struct.		395,671.07
FA 7	5VB	FG	Kane	On Alt. US 30 (FA 7) over C&NW Ry about 3.5 mi. west of Elburn		PCC pavement	24	1,085,163.76
FA 7	6R-1, 5R	F	Kane	Relocated Alt. US 30 (FA 7) from about 7 mi. east of DeKalb easterly	6.96	Hwy. gr. sep. struct.		91,060.90
FA 131	61HB	F	Kane	On Hanks Road over Ill. 55 (FA 131) about 2 mi. northeast of Sugar Grove	0.27	Gr. or cr. stone base course	20	73,897.29
SBI 22	(OR)L	State P	Kane	Along Ill. 31 (SBI 22) about 0.50 mi. north of St. Charles	0.09	Highway lighting		3,883.45
FA 29	21(HB-2, SB)	U	Knox	On Township Road 74 over US 34 (FA 29)	0.15 0.29	Hwy. gr. sep. struct. Roadway grading	113	67,230.15 35,899.74
SBI 8	36RS-1	UG State P	Knox	On CB&Q RR over US 34 (FA 29) all at Galesburg— At intersection of Grand Ave. (SBI 8) with South Farnham and East Brooks Street in Galesburg. (For balance of contract see Part B—Primary— Urban)		Gr. or cr. stone surf. course RR subway structure	18	13,333.17 140,303.35
SBI 8	40-T	State P	Knox	Along US 150 (SBI 8) from east city limit of Gales- burg southeasterly		Traffic control signals		7,292.90
SBI 42	113 Ext.—1RS	State P	Lake	Sheridan Road (Ill. 42—SBI 42) between north limit of Lake Forest and Ill. 59A	0.14 0.64	Storm sewers Drainage grading		4,643.50 12,910.40
SBI 68, 42A, 59	Dist. 1 Traffic Signals '63-4	State P	Lake	At the following 13 intersections: US 41 with West Park Ave., Ill. 22, Old Elm Road, Westleigh Road, Kennedy Road, Ill. 137, 22nd Street, Ill. 63, Wads- worth Road, and Ill. 173; Ill. 42A with County Line Road and with Ill. 22 and Ill. 59 with Ill. 132	2.90	Bit. seal coat A-1	22	5,016.43
SBI 68	(124, 124X)I, 124BI	State P	Lake	US 41 (SBI 68) between Rosecrans and Gurnee	6.28	Traffic control signals	Var.	29,789.54
SBI 68	125X-I-1	State P	Lake	On Frontage Roads U and M west of US 41 and Washington Street interchange near Gurnee	1.25	Roadway grading Bit. conc. resurf. B-5	20	90,764.30 24,312.38

FA 2	(66, 67) R	F	LaSalle-Marshall	US 51 (FA 2) from about 2 mi. south of Wenona southerly	4.01	PCC pavement Utility adjustments	24	738,347.92 6,037.50 651.00
FA 13	(51-23, 51-24) LS	State P	Lawrence	Non-Federal-aid portion of contract Along US 50 (FA 13) from 1 mi. west of Lawrenceville easterly to Wabash River	10.66	Roadside landscaping		57,476.85
FA 13	(51-23, 51-24) SG	F	Lawrence	Along US 50 (FA 13) from 1 mi. west of Lawrenceville easterly to Wabash River	10.66	Highway signing		44,957.35
SBI 17	15Z-CS, 15Z-BR	F	Livingston	Mazon Ave. (Ill. 17—SBI 17) in Dwight from intersection with SBI 4 easterly	1.13	PCC pavement Bridge	24, Var.	436,336.34 38,613.24 445.50
FA 5, 169, SBI 4	23X-2TS-1, 15TS-2, G-TS	State P		Non-Federal-aid portion of pavement				
		State P	Logan-Sangamon	At the following 3 intersections: US 66 (FA 5) with 5th Street in Lincoln Linn Street (FA 169—US 66 Bypass) with Stanton Street in Springfield MacArthur Blvd. (SBI 4) with Iles Ave. in Springfield		Traffic control signals		18,997.94
SBI 48	130TS	State P	Macon	At intersection of Ill. 48 (SBI 48) with Ill. 121 about 0.5 mi. north of Decatur		Traffic control signals		6,115.90
FA 12	28-1TS	State P	Madison-St. Clair	At intersection of Alt. US 40 (FA 12) with Black Lane about 2 mi. west of Collinsville		Traffic control signals		12,501.87
FA 50	117-2	F	Madison	On relocated Ill. 157 (FA 50) at intersection with Bypass 40 and 66 southwest of Edwardsville	0.45	Dual PCC pavement	2@24	249,106.31 1,798.64
Various	Dist. 8 Traffic Signals '63-2	State P		Non-Federal-aid portion of contract (For balance of contract see Part A—Interstate—FAI 270—Section 60-4A)				
		State P	Madison	At the following 10 intersections: Cottage Hills Road with Airline Drive, Ill. 111 with Ill. 140 in Bethalto, Ill. 111 with Ill. 140, Ill. 111 with Alby Street in Alton, Alt. US 67 with Ill. 159 in East Alton, Ill. 111 with Ill. 159 in Wood River, Ill. 111 with Washington Ave., US 67 with Ill. 100 in Alton, US 67 with Ill. 111 and Airline Drive with Airport Road Relocated US 51 (FA 2) from 1 mi. northwest to ¼ mi. south of Wenona		Modification of traffic control signals		22,210.33
FA 2	(67, 68) R, 68R-B	F	Marshall	Non-Federal-aid portion of pavement	3.17	PCC pavement	24	579,198.21 264.00 18,483.10 700.00
		State P				RC double box culv		
		F				Utility adjustment		
SBI 9	33HL	State P	McDonough	At intersection of US 136 (SBI 9) with Ill. 41 about 10 mi. east of Macomb	0.11	Highway lighting		7,638.58
FA 5	16R-TS	State P	McLean	At intersection of US 66 (FA 5) with Morris Ave. in Bloomington	0.10	PCC base course Traffic control signals		12,269.10 15,535.50
SBI 10	A, 33, 37(X, RS) 2	U	Morgan	At intersection of Morton Ave. (SBI 10) with Main Street in Jacksonsville (For balance of contract see Part B—Urban—Primary—SBI 10—Section A, 33, 37(X, RS) 2—Morgan County)		Traffic control signals		6,869.25

DESIGN

FA 199	2HB	U	Rock Island	On FA 199 over Township Road 98B about 3 ml. northwest of Milan	Dual hwy. gr. sep. struct.	146,012.95
Various	Dist. 2 Traffic Signal Modernization '63-2	State P	Rock Island	At the following intersections: US 6 and 150 with Ill. 2 and 92 and Coaltown Road US 67 and Ill. 92 with Knoxville Road south of Moline		
SBI 1	42TS	State P	Saline	At intersection of US 45 (SBI 1) with Ill. 13 in Harrisburg	Modification of traffic control signals	8,250.64
SBI 142	125B-1	F	Saline	On Ill. 142 (SBI 142) over Drainage Ditch at south limit of Eldorado	Traffic control signals	7,594.25
SBI 24	8B-2	State P	Sangamon	Non-Federal-aid portion of contract	Bridge	57,871.85
SBI 100	112-I	F	Schuyler	On Ill. 29 (SBI 24) over South Fork of Sangamon River about 1 mi. northwest of Rochester	Bridge	1,200.00
FA 14	(26, 27)LS	State P	St. Clair	Ill. 100 (SBI 100) from Frederick to south edge of Browning	Shoulder rehabilitation	166,910.23
FA 14	28-1K	U	St. Clair	Along Ill. 13 (FA 14) from 0.75 mi. northwest of Ill. 158 southeasterly	Roadside landscaping	20,670.15
				At intersection of US 460 (FA 14) with Ill. 157 near Centreville	PCC pavt. ramps	40,223.43
					2@14, Var.	
FA 14	28LS	State P	St. Clair	Non-Federal-aid portion of contract		581,080.95
FA 14	28LS-1	State P	St. Clair	Along US 460 (FA 14) between Belleville and East St. Louis	Highway landscaping	9,191.20
FA 14	29-1TS	State P	St. Clair	Along US 460 (FA 14) between Bypass US 50 and Ill. 158	Roadside landscaping	45,511.14
SBI 161	122-I	State P	St. Clair	At intersection of US 460 (FA 14) with Ill. 163 at Alorton		47,574.55
Various	Dist. 8 Traffic Signals '63-1	State P	St. Clair	Under Bypass US 50 (SBI 161) in Belleville	Traffic control signals	8,033.29
				At 10 intersections on various routes in St. Clair and Madison Counties	Pipe culvert	5,073.00
SBI 5	18-I	State P	Stephenson	South Frontage Road of US 20 (SBI 5) 3 mi. east of Freeport	Modification of traffic control signals	20,122.03
FA 172	17	F	Tazewell	FA 172 from about 2 mi. east of Peoria easterly	PCC pavement	71,079.80
					24	216,521.25
SBI 8	36HL	State P	Tazewell	Non-Federal-aid portion of contract	Dual PCC pavement	168,350.00
				At intersection of US 24 (SBI 8) with FAS 466 about 2 mi. west of Washington	PCC pavement	2,694.16
SBI 116	102K, 102H-B-2(F, E, D)	U	Tazewell	On Ill. 87 and 116 (SBI 116) from north of FAI 74 to north of US 150 in and northeast of East Peoria	Highway lighting	14,771.07
				Non-Federal-aid portion of dual pavement and culverts		
				On directional ramp over SBI 116	Dual PCC pavement	2,115,583.99
					3-RC double box culvs.	110,150.52
					2@24	
					Highway gr. sep. struct.	24,491.75
					Roadway grading	40,884.69
					Roadway grading	424,763.96
					Dual PCC pavement	79,873.63
					2@24	164,688.34

TABLE 22.—Continued.
PART A.—Continued.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
SBI 4, 104	Dist. 6 Headwall Removal '63-1	State P	Various	On Ill. 4, 104 (SBI 4, 104) at various locations in Christian, Macon, Montgomery, Morgan and Sangamon Counties		Conc. headwalls removed to sideslope grade		13,189.80
Various	Dist. 7 Seal Coat '63-1	State P	Various	On various routes in Clay, Cumberland, Effingham, Marion and Shelby Counties	27.42	Bit. surf. treat. A-1	20	69,516.28
Various	Thermoplastic Pavement Mark- ing '63-1	State P	Various	At various locations on various routes in Districts 1 and 10	74.91	Pavement markings	4", 5", 8"	148,008.92
FA 9	103	F	Warren	Monmouth Bypass (FA 9) from Monmouth north- easterly	3.06	PCC pavement	24	685,745.06
		U			1.07	Utility adjustments		26,172.50
					0.59	Dual PCC pavement	2@24	433,858.31
						PCC pavement	24	160,455.20
						Utility adjustments		5,904.00
FA 9	103-B	F	Warren	On US 34 (FA 9) over Cedar Creek about 3.5 mi. northeast of Monmouth		Bridge		141,689.41
SBI 2	32-2	F	Washington	US 51 (SBI 2) from east of Ashley northerly	1.38	PCC pavement	24	306,693.23
				(For balance of contract see Part B—Primary—Rural				
				—Section (31, 32, 33) W—District 7)				
FA 141	111R	F	Whiteside	US 30 (FA 141) from west limit of Rock Falls westerly	0.54	Dual PCC pavement	2@24	304,747.66
		U		US 30 (FA 141) from west limit of Rock Falls south- easterly in Rock Falls	1.31	Dual PCC pavement	2@24	689,916.94
						Traffic control signals		2,878.60
FA 14	(5-3, 1-4)A	F	Williamson	On Ill. 13 (FA 14) from about 3 mi. east of Carbon- dale easterly	1.50	Roadway grading	42	583,287.41
FA 2	1-1DM	State P	Winnebago	Right-of-way of Whitman Street (FA 2) in Rockford		Removal of 5 buildings		7,600.00
FA 2	1-1IL	U	Winnebago	At Whitman Street Interchange in Rockford	0.62	Highway lighting		56,519.75
		State P		Non-Federal-aid portion of contract				5,239.50
FA 194	2HB	U	Winnebago	On Montague Road over Rockford Bypass (FA 194) about 1 mi. southwest of Rockford		Hwy. gr. sep. struct.		66,958.30
					0.46	PCC pavement	24	126,842.71
				Non-Federal-aid portion of contract				408.25
				On Rockford Bypass (FA 194) over Prairie Road and over Simpson Road both in Rockford				385,690.74
				Rockford Bypass (FA 194) from southwest of inter- change with FAS 1044 southeast of Rockford ex- tending northeasterly		2 dual hwy. gr. sep. structs.		
FA 194	5	F	Winnebago	Southwest of interchange				
				Non-Federal-aid portion of contract				
				(For balance of contract see FAS Route 1044—Section	0.97	Dual PCC pavement	2@24	1,075,905.69
				5—Winnebago County—In Local Roads and Streets)		Bridge		65,251.50
								331,324.09

DESIGN

TABLE 22.—Continued.
PART A.—Concluded.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
Various.....	Dist. 9 Traffic Signal Moderni- zation '63-1.....	State S....	Alexander-Jackson- Williamson.....	At the following 5 intersections: Ill. 2 with Harwood Ave. in Carbondale..... Ill. 13 with SA 10..... Ill. 13 with Ill. 148..... Ill. 13 with Ill. 37..... Ill. 3, 37 and Spur to Ohio River Bridge.....		Traffic control signals modified.....		9,609.20
Various.....	Dist. 8 Seal Coat '63-1.....	State S....	Calhoun-Greene- Macoupin- Montgomery.....	Various routes at the following locations: from Kampsville westerly, from Eldred southerly, be- ween Carlinville and Shipman, and Taylor Springs and Coffeen.....				
CH 042.....	042-0608-15d-Z-I.....	State S....	Cook.....	At intersection of Caldwell Ave. (CH 042) with De- von Ave. in Chicago.....	31.75	Bit. seal coat A-1 and bit. surf. treat. A-3.....	20, 22	99,447.28
CH 51.....	Dist. 10 Traffic Signals '63-2.....	State S....	Cook.....	At intersection of Crawford Ave. (CH 51) with 99th Street in Oak Lawn.....		Intersection improvement.....		4,383.50
CH 102.....	540-T.....	State S....	Cook.....	Along Busse Road (CH 102) between Landmeier Road and Touhy Ave. in and near Elk Grove.....		Traffic control signals.....		13,368.02
CH 128.....	3072-A-15d-Z-Y-W.....	State S....	Cook.....	Right-of-way of Oakton Street (CH 128) and Wau- kegan Road in Niles.....	0.25	Storm sewers.....		17,683.44
CH 176.....	1963-T-2.....	State S....	Cook.....	On 111th Street (CH 176) in Palos Hills.....		Removal of 4 buildings.....		3,315.00
CH 259.....	259-0404-V, VB.....	State S....	Cook.....	On Chatham Street (CH 259) over Calumet Sag Channel in Blue Island.....		RC box culvert.....		26,771.32
FAS 421.....	44-LS.....	State S....	Hancock.....	Along Great River Road (FAS 421) from Warsaw northeasterly to US 136.....		Bridge.....		524,615.07
FAS 1305.....	79R.....	US.....	Kankakee.....	FAS 1305 about 1 mi. north of Bradley.....	4.82	Highway landscaping.....		38,910.50
		State S....		Non-Federal aid portion of pavement.....	1.32	Dual PCC pavement.....	2@ 24	711,957.65
		US.....				Water main adjustment.....		30,393.53
FAS 4.....	71R.....	US.....	Lake.....	Ill. 137 (FAS 4) from 0.25 mi. west of Green Bay Road (Ill. 131) easterly to EJ&E RR.....				3,648.00
		State S....		Non-Federal aid portion of traffic signals.....	0.96	Dual PCC pavement.....	2@ 36	835,303.36
		US.....		Non-Federal aid portion of misc. improvements.....	0.96	Roadside landscaping.....		9,544.00
		State S....		On 24th Street west of Lewis Ave. in Chicago.....		Traffic control signals.....		65,758.99
		AD.....		(For balance of contract see Part B—Urban—Second- ary—FAS 1001—Section 83(W, RS)—Lake County)	0.13	Highway lighting.....		4,656.47
						Gr. or cr. stone base course with A-3 treat.....	20	74,013.26
								15,751.00
								14,994.46

DESIGN

FAS 1378	47-1CPT	State S	Peoria	University Ave. (FAS 1378) between Kenwick Lane and Lake Ave. at Peoria	Drainage improvements	1,698.25
		State S		1 secondary road railroad grade crossing	Automatic protection and miscellaneous improvements	
		State S		2 secondary road railroad grade crossings	Miscellaneous improvements	8,750.00
		State S		5 secondary road railroad grade crossings	Automatic protection	32,500.00
						199,803.19
Total secondary road contracts awarded by the State (excluding Federal-aid secondary contracts)						\$2,828,472.70
Total Part A						\$163,791,565.75

PART B.—REHABILITATION OF EXISTING RIGID-TYPE PAVEMENTS BY PATCHING, WIDENING, BITUMINOUS CONCRETE SURFACING, AND RELATED BRIDGE AND STRUCTURE WORK.

FEDERAL-AID INTERSTATE HIGHWAY CONTRACTS AWARDED BY THE STATE ON RURAL TYPE WORK

Dis- trict	Route ¹	Section	Class ²	County	Location	Miles of Bitumi- nous Surface	Miles of Base Widen- ing	Miles of Full- width Base	Width in Feet	Pavement Patching (Square Yards)	Number of Bridges	Contract Price
7	FAI 70	26-3B-3	Int.	Fayette	On FAI 70 at Sandy Run Ditch about 4 mi. east of Vandalia						1	\$ 56,760.50
10	FAI 90	0912-715I	Int.	Cook	Calumet Expressway (FAI 90) from north of 130th Street interchange northerly	2.61			2@36			322,857.05
			State I.		Non-Federal-aid portion of contract							17,500.00
Federal-aid interstate highways, rural—						2.61						340,357.05
Continuous bituminous surfacing											1	56,760.50
Bridge widening												
Totals for Federal-aid interstate highways—rural						2.61					1	\$397,117.55

FEDERAL-AID INTERSTATE HIGHWAY CONTRACTS AWARDED BY THE STATE ON URBAN TYPE WORK

Dis- trict	Route ¹	Section	Class ²	County	Location	Miles of Bitumi- nous Surface	Miles of Base Widen- ing	Miles of Full- width Base	Width in Feet	Pavement Patching (Square Yards)	Number of Bridges	Contract Price
1	FAI 55	(22-2, 99-1) ACR-1; (29R-2AC) RS	State I.	Will-DuPage	North and south frontage roads along US 66 (FAI 55) between Ill. 53 and Orchard Road	3.80			22, 24	678		\$135,871.28
												1,585.00

TABLE 22.—Continued.
PART B.—Continued.

Dis- trict	Route ¹	Section	Class ²	County	Location	Miles of Bitumi- nous Surface	Miles of Base Widen- ing	Miles of Full- width Base	Width in Feet	Pavement Patching (Square Yards)	Number of Bridges	Contract Price
10	FAI 94-----	Dist. 10 Expressway Pavement Patching '63-2R-----	State I-	Cook-Lake-----	On Edens Expressway (FAI 94) be- tween Northwest Expressway and Clavey Road-----					2,178		65,988.00
					Federal-aid interstate highways, urban							
					Continuous bituminous surfacing-----	3.80				78		\$135,871.28
					Pavement patching, bituminous-----					2,178		1,585.00
					Pavement patching, concrete-----							65,988.00
					Totals for Federal-aid interstate highways-urban-----	3.80				2,256		\$203,444.28
					Totals for Federal-aid interstate highway contracts in Part B-----	6.41				2,256	1	\$600,561.83

PRIMARY HIGHWAY CONTRACTS AWARDED BY THE STATE ON RURAL TYPE WORK (EXCLUDING FEDERAL-AID INTERSTATE CONTRACTS)

Dis- trict	Route ¹	Section	Class ²	County	Location	Miles of Bitumi- nous Surface	Miles of Base Widen- ing	Miles of Full- width Base	Width in Feet	Pavement Patching (Square Yards)	Number of Bridges	Contract Price
1	Various-----	3 ^h -----	State P	Cook-DuPage-----	At five (5) locations on various routes-----	1.22			20, 40			\$ 43,072.50
1	SBI 23 Alt.,-----	27RS-----	State P	DeKalb-----	Ill. 23 (SBI 23 Alt.) about 0.75 mi. south- west of Sycamore-----	0.51			18, 20	6576		30,969.60
1	SBI 71-----	116R-2I-----	State P	DeKalb-----	At intersection of US 30 (SBI 71) with Ill. 23 east of Waterman-----	0.10			22, Var.	646		9,621.50
1	FA 131-----	(55, 56) RS-1-----	State P	DuPage-----	Ill. 55 (FA 131) between Ill. 53 and Ill. 56-----	3.67			20	61,332		20,138.89
1	FA 131-----	(59, 60) RS-----	State P	DuPage-Kane-----	Ill. 55 (FA 131) from North Aurora east- erly-----	6.70			22	6889		844.00
1	SBI 18-----	(11Y) RS-3-----	State P	Kane-DuPage-----	Ill. 65 (SBI 18) from Aurora easterly-----	3.86			40	6856		71,387.39
1	SBI 22, 173, 67, 19-----	4 ^h -----	State P	Kane-Lake-McHenry-----	Ill. 31, 173, 176 and US 14 (SBI 22, 173, 67, 19) at various locations-----	2.25			18, 20	6740		16,716.00
												173,526.25
												16,108.00
												117,373.02
												14,596.00
												39,174.
												14,092.00

DESIGN										
1	SBI 47, 66	2 ^a	State P	Kane-Kendall	On 7.1 mi. of Ill. 47 (SBI 47) from C&NW Ry in Elburn southerly to Harter Road and on 8.85 mi. of Ill. 126 (SBI 66) from Ill. 47 in Yorkville easterly to East Aux Sable Creek	2.23		18, 20, 22	b378	35,462.40
1	SBI 18	12RS-1	State P	Kendall	US 34 (SBI 18) east of Oswego	0.58		22	b84	8,093.00
1	SBI 20	13RS-2	State P	Lake-McHenry	Ill. 120 (SBI 20) between Lakemoor and Volo	1.51		22	b239	51,165.15
1	SBI 42	113F Ext. RS-1	State P	Lake	McKinley Road (SBI 42) between Westleigh Road and Old Elm Road in Lake Forest and Highwood	0.87		21	b57	1,758.00
1	SBI 53	530RS	State P	Lake	Ill. 53 (SBI 53) from Ill. 83 southwesterly to near US 12 southwest of Long Grove	3.22		20	b110	25,957.20
1	SBI 68, 22, 57	Dist. 1 Pavement Patching '63-4	State P	Lake	On 21.45 mi. of US 41 (SBI 68, 22, 57) between Ill. 173 and Lake-Cook County line				c3,744	3,346.00
1	Various	5 ^b	State P	Lake	US 41 near Lake Forest, Ill. 22, 63 near Lake Zurich, US 12 between Lake Zurich and Lake-Cook County line, Deerfield Road near Deerfield, and Ill. 137 near Libertyville	3.45		22, 42	b692	75,545.20
1	SBI 20	14-Y	State P	McHenry	Ill. 120 (SBI 20) northwest of McHenry	0.22		2@13		71,828.80
1	SBI 51	(104, 105, 104S1 & S2) RS-1	State P	Will	US 45 (SBI 51) from Frankfort southerly to intersection with US 52	11.23		40, 20	b5,036	13,164.00
1	SBI 53, 44	1 ^a	State P	Will	Ill. 7 (SBI 53) between Wolf Road and Alt. US 66 northeast of Joliet	1.77		24		42,029.95
1	SBI 113N	(110NY2, 111NY2) RS	State P	Will	US 52 (SBI 44) from Joliet southeasterly	0.98		18	b668	163,334.15
2	SBI 7, 89	(114, 115, 116) RS-1; 10RS	State P	Bureau	Ill. 102 (SBI 113N) between Will-Kankakee County line and CH 7 south-east of Wilmington	3.76		20	b717	86,252.50
2	SBI 92, 18	1 ^a	State P	Bureau-LaSalle	Ill. 26 (SBI 89) in and between Ohio and Princeton	11.59		18		30,711.27
2	Various	2 ^a	State P	Carroll-Ogle-Whiteside-Lee	US 6 and 34 (SBI 7) in Wyandot	0.59		39	b200	17,003.98
2	Various	3 ^b	State P	Henry-Rock Island	Ill. 92 (SBI 92, 18) between Ohio and Mendota	4.00		18		12,956.00
2	SBI 3, 8	16RS, 115RS-2	State P	Henry-Whiteside	On various routes and locations	6.95		20		89,653.39
					On various routes and locations	2.10		Var.		12,369.00
					Ill. 78 (SBI 3 and 8) between Lyndon and 3 mi. northwest of Hooppole	10.73		18		184,123.81
										9,373.00
										3,530.00
										74,521.00
										130,375.15
										41,621.10
										121,409.35
										1,665.00

TABLE 22.—Continued.
PART B.—Continued.

Dis- trict	Route ¹	Section	Class ²	County	Location	Miles of Bitumi- nous Surface	Miles of Base Widen- ing	Miles of Full- width Base	Width in Feet	Pavement Patching (Square Yards)	Number of Bridges	Contract Price
2	SBI 7	(2X, 3, 3R, 4, 4R) RS-2	State P	Henry	US 6 (SBI 7) between Green Rock and Geneseo	4.41			20	b100		74,822.30
2	SBI 5	(22, 23) RS-3	State P	JoDavies-Stephenson	US 20 (SBI 5) from about 1 mi. east of Stockton easterly	8.94			18	b100		2,100.00
2	SBI 5, 80	(28, 29) RS-3, (103, 104) RS-1	State P	JoDavies	US 20 and Ill. 80 (SBI 5, 80) from about 5 mi. southeast of Galena to Hanover	10.63			18	b120		92,303.80 1,750.00
2	SBI 5, 75, 78	4 ^h	State P	Stephenson-Winnebago-JoDavies	US 20 (SBI 5) east of Freeport, Ill. 75 (SBI 75) northeast of Freeport and Ill. 78 (SBI 78) north of Stockton	5.39			18			153,073.45
2	SBI 2	75 RS	State P	Lee	US 52 (SBI 2) from Dixon southeasterly	8.98			18	b110		1,890.50
2	SBI 89	(101, 102) RS	State P	Lee	Ill. 26 (SBI 89) from US 30 south of Dixon southerly to Green River	5.92			18	b200		89,730.10
2	SBI 85	(105, 106) RS	State P	Mercer-Rock Island	US 67 (SBI 85) from 3.5 mi. south of Milan to 1.0 mi. northwest of Mathersville				18, 21	b120		143,753.25
3	SBI 9, 47	1 ^h	State P	Ford	Ill. 9 and 47 (SBI 9, 47) from about 2.5 mi. north to about 5 mi. east of Gibson City	8.23						1,960.00
3	SBI 49, 25	3 ^h	State P	Iroquols	On about 4.0 mi. of Ill. 49 (SBI 49) between Cissna Park and SA 9	3.35			18			84,302.25
3	SBI 17	1 RS	State P	Kankakee	On US 54 (SBI 25) from US 24 east of Gilman northerly 0.49 mi. and from Gilman southerly 0.65 mi.	2.04			20			3,490.00
3	SBI 7	II-A access	State P	LaSalle	Ill. 17 (SBI 17) from about 0.25 mi. east of Kankakee easterly	1.14			24			21,770.58
3	SBI 23, 7	4 ^h	State P	LaSalle	US 6 (SBI 7) from about 0.75 mi. east of Marseilles southerly	5.42			18	b714		77,157.20
3	SBI 116-A	2 ^h	State P	Marshall-Woodford	Ill. 23 (SBI 23) between US 52 and US 34 north of Ottawa and US 6 (SBI 7) near west limit of Ottawa	0.21			24			15,822.50
3	SBI 4	11X-1(I)	State P	Livingston	Ill. 116-A (SBI 116-A) from Toluca easterly	2.80			18, 22			33,441.05
3	SBI 4	(15, 15A, IIB 536) RS	State P	McLean	Access Road parallel to and along west side of US 66 (SBI 4) west of Pontiac	3.20			18			41,348.25
3	SBI 119	102 RS-2	State P	McLean	BR 66 (SBI 4) from Normal northeasterly	0.28			18			47,660.75
3					Ill. 119 (SBI 119) between US 136 and 150 at LeRoy	3.50			18	c141		7,415.00
												11,827.60
												45,968.36
												3,066.00
												87,724.20
												7,476.00

				DESIGN									
3	SBI 2	(64, 65) RW & RS	F	Woodford	US 51 (SBI 2) between El Paso and Woodford	5.74				24			139,187.18
		65BR	State P		Over Panther Creek					24			837,094.53
					Non-Federal-aid portion of bridge								4,882.00
					(For balance of contract see Part A—Primary—SBI Route 2—Section 64B-1)								66,246.67
					Ill. 100 and US 24 (SBI 31) from Lewis town southerly								500.00
4	SBI 31	(18, 19) RS	State P	Fulton	On 9.68 mi. of Ill. 100 (SBI 31) between Dunfermline and Lewistown	6.29				18			71,526.09
4	SBI 31	3 ^h	State P	Fulton		0.77				18			47,628.00
4	SBI 78	134R, BY	F	Fulton	Ill. 78 (SBI 78) from about 1.5 mi. north-east to about 0.5 mi. south of Norris								8,017.45
			State P		Non-Federal-aid portion of contract								11,932.00
			F										3,987.00
4	SBI 78	134-RS	F	Fulton	Ill. 78 (SBI 78) from about 1.5 mi. north-east to about 0.5 mi. south of Norris								537,268.43
4	SBI 95	(114, 115) RS	State P	Hancock	Ill. 9 (SBI 95) from Ill. 96 to Ill. 94 in and south of Dallas City	2.09				24			9,695.00
4	SBI 94	2 ^h	State P	Henderson	On 9.79 mi. of Ill. 94 (SBI 94) from about 1 mi. north of Stronghurst southerly and westerly	3.98							3,413.60
													9,869.00
4	SBI 28	(2, 3, 4, 6) RS	State P	Knox	US 34 (SBI 28) from 1.5 mi. north of Altona to Wataga	10.30				18			69,010.10
4	SBI 3, 85	(27, 28) RS, 101 RS	State P	Mercer-Warren	Ill. 135 (SBI 3 and 85) from about 3.5 mi. north of Little York easterly to about 1.5 mi. west of Alexis					18, 21			26,971.00
4	SBI 30, 90	1 ^h	State P	Peoria-Stark	Ill. 91, 90 (SBI 30, 90) from about 5.50 mi. west of Princeville to about 2.75 mi. west of Toulon	7.86							214,986.98
4	SBI 121, 122 (107, 108, 126X) W, RS		F	Tazewell	Ill. 121, 122 (SBI 121, 122) from south of Tremont Junction southerly	9.54				18			18,592.00
5	SBI 1, 130	2 ^h	State P	Clark-Coles-Cumberland-Edgar	Non-Federal-aid portion of contract	5.02							140,234.05
			State P		Ill. 1 (SBI 1) between Paris and West Union and Ill. 130 (SBI 130) between Greenup and Charleston								17,402.00
					(For balance of contract see Part B—Secondary — Rural — County Highways 3 and 5—Coles County—Dist. 5)								94,548.60
					Ill. 49 (SBI 49) between Casey and West field	1.43				18, 30			45,329.75
													154,481.60
										24			452,896.23
										2@ 2			72,627.00
													63,924.30
5	SBI 49	(113, 114) RS	State P	Clark		10.25				18, 22			40,884.75
													44,841.34
										24, 20			388,884.14
													3,225.00

TABLE 22.—Continued.
PART B.—Continued.

Dis- trict	Route ¹	Section	Class ²	County	Location	Miles of Bitumi- nous Surface	Miles of Base Widen- ing	Miles of Full- width Base	Width in Feet	Pavement Patching (Square Yards)	Number of Bridges	Contract Price
5	SBI 49	(113, 114) W	State P	Clark	Ill. 49 (SBI 49) between Casey and West- field		10.24		2@3	3,650		312,726.40 76,330.00
5	SBI 133	121(W, RS)	F	Douglas	Ill. 133 (SBI 133) between Arcola and Hindsboro Non-Federal-aid portion of Sec. 121RS	8.35 0.63			24 24 2@3			200,242.57 7,375.87 238,126.85 58,918.00
5	SBI 1, 119, 133	1 ^h	State P	Edgar-Vermilion	Ill. 1 (SBI 1) from north of Hoopeston southerly to Paris, US 136 (SBI 119) from south of Armstrong westerly to Ill. 49 and Ill. 133 (SBI 133) from west limit of Paris westerly to Redmon							
6	FA 158	4RS-1, 5RS	F	Calhoun-Pike	Great River Road (Ill. 96—FA 158) be- tween Pleasant Hill and Bellevue	2.09			20, 34, 40			56,223.50 36,720.00
6	FA 65	135RS	State P F	Christian	Non-Federal-aid portion of contract— Taylorville Belt Line (FA 65) at Tay- lorville (For balance of contract see Part B— Primary—Urban—District 6—FA 65 —Section 135RS)	8.10			22			431,019.88 136.00
6	Various	1 ^h	State P	Christian-Menard- Sangamon	Various routes and locations	1.55			24			38,849.86
6	FA 73	116X	F	Logan	About 0.5 mi. southeast of Lincoln	6.40 0.44			20, 22 24 24	659		141,174.96 16,475.00 11,851.00 59,234.26 23,880.50
6	SBI 24	6R, 8R-1, (6, 8)RS-1	F	Sangamon	(For balance of contract see Part B— Urban — Primary — FA 73 — Section 116X—District 6) Ill. 29 (SBI 24) from about 2 mi. south- east of Springfield to Rochester	2.71			24 24		41	53,196.00 463,257.51
6	SBI 126	110X-3RS-2, 110X- 5RS-1	State P	Sangamon	North-bound lane US 66 (SBI 126) from 0.23 mi. north of Toronto Road south- erly to Lake Springfield Bridge and south-bound lane US 66 from Lake Springfield Bridge southerly			2.71	24 24			
6	SBI 3	43(W, RS)	F	Schuyler	US 67 (SBI 3) from about 1.5 mi. north- west of Rushville northerly	5.62 5.59			24, 48 24 2@3	602		90,253.60 9,582.00 128,061.78 209,135.36 5,540.00
							5.59			225		

DESIGN

6	SBI 100	110RS-1, 111RS	State P	Schuyler	Ill. 100 (SBI 100) between Browning and Bluff City	8.39			20		b331	160,517.80 5,972.00
6	FA 25	IJ(X, RS)	F	Tazewell	Ill. 29 (FA 25) from about 2 mi. south to 2 mi. north of Green Valley	2.30	c2.50		24 8 24			136,062.04 76,304.39 259,814.30 3,019.50
	SBI 24	(JQL)X, (J, Q)RS, L-RS-2	F		Ill. 29 (SBI 24) between Green Valley and South Pekin	3.41	c0.66		24 8 26			95,032.70 24,416.25 81,423.38 4,129.20
			State P		Non-Federal-aid portion of contract			c1.87	24			191,945.98 15,502.61 1,835.44
7	SBI 1	(19, 20)RS	F	Crawford	Ill. 1 (SBI 1) between Flat Rock and Gordon	5.20			24		c93	153,924.27 10,822.05
7	SBI 1, 36	(18, 19)RS, 104RS	F	Crawford-Lawrence	Ill. 1 (SBI 1) from about 3 mi. south to 1.5 mi. north of Flat Rock and from Ill. 1 to Flat Rock	5.58			24			151,898.26
			State P		Non-Federal-aid portion of bituminous surfacing							12,071.05 6,044.00 2,382.00
7	FA 160	12-RS	State P	Cumberland-Effingham	Non-Federal-aid portion of patching						b322	241,661.36 31,199.45
7	SBI 11	22R	F	Fayette	FA 160 from Ill. 121 southerly to Montrose	7.28 0.35			20 24			
					On US 40 (SBI 11) south of St. Elmo							
7	SBI 1	(18, 19)W	F	Lawrence-Crawford	(For balance of contract see FAS Route 716—Sections 35, 35B—Fayette County—District 7 in Local Roads and Streets Report.)							
					Ill. 1 (SBI 1) from about 8 mi. north of Lawrence to about 5 mi. south of Gordon		c2.81		2@3			199,852.36 100.04 711,494.27
			State P		Non-Federal-aid portion of contract							37,619.93
7	Various	1 ^A	State P	Various	Non-Federal-aid portion of contract	10.47			18, 22, 36		b1,941	219,364.93 45,613.99
7	SBI 2	(31, 32, 32-2, 33)RS	F	Washington	US 51 (SBI 2) from US 460 east of Ashley northerly	4.84			24			184,969.60 24,006.70
			State P		Non-Federal-aid portion of contract							220,884.22 248,265.66 17,303.50 1,204.70
7	SBI 2	(31, 32, 33)W, 32-2	F	Washington	US 51 (SBI 2) from east of Ashley northerly		c2.92		2@3 24		c813	
					Non-Federal-aid portion of contract							
			State P		(For balance of contract see Part A—Primary—Section 32-2)							

TABLE 22.—Continued.
PART B.—Continued.

District	Route ¹	Section	Class ²	County	Location	Miles of Bituminous Surface	Miles of Base Widening	Miles of Full-width Base	Width in Feet	Pavement Patching (Square Yards)	Number of Bridges	Contract Price
7	SBI 2	32-B Y	F	Washington	On US 51 (SBI 2) in and south of Richview						1	13,398.50
8	FA 128	33-B-2 1BR-1	State P F	Clinton-Washington	Non-Federal-aid portion of contract On Ill. 127 (FA 128) over Crooked Creek and over Crooked Creek overflow about 1.25 and 2.0 mi. south of Posey, respectively						1	29,154.00
8	FA 150	5-I	State P F	Clinton	Non-Federal-aid portion of contract Ill. 161 (FA 150) about 0.5 mi. west of Hoffman	0.66					2	273,398.90
8	FA 150	7BY	F	Clinton	On Ill. 161 (FA 150) over Crooked Creek about 2 mi. west of Centralia			0.66	24			19,154.44
8	FA 155	401-2	State P F	Jersey	Non-Federal-aid portion of contract Great River Road (FA 155) from about 3.5 mi. east to about 1 mi. west of Elsay						1	112,338.85
8	FA 156	(12, 45) RS	State P	Madison	FA 156 from about 5.5 mi. north of Highland southerly	4.78			2@24			804,064.25
8	SBI 156	(102, 103) RS	State P	Monroe	Ill. 156 (SBI 156) from Valmeyer to Waterloo	2.65			18, 20	1,629		54,781.66
8	SBI 15	(5-1) W, RS	F	Washington	Ill. 15 (SBI 15) from Venedy Station Road to west limit of Okawville	8.55			18	949		31,922.25
8	SBI 153, FA 145	(6, 105, 106) RS	State P	Washington	US 460 (SBI 153) (FA 145) from CH 12 south of Venedy easterly	3.19	3.19		22 2@2			121,600.05
8	Various	2 ^b	State P	Various	Non-Federal-aid portion of contract					396		15,446.00
8	Various	2 ^b	State P	Various	On various routes in Macoupin, Madison, St. Clair, Clinton, Perry, Montgomery and Washington Counties	8.84			18, 20	710		91,967.68
9	Various	1 ^b	State P	Franklin-Gallatin-Saline-Williamson	At 25 locations on various routes	4.20			20	3,165		202,708.35
9	SBI 140	(113, 114, 115) RS-2	State P	Gallatin-Hardin	On 18.41 mi. of Ill. 1 (SBI 140) from Ill. 13 southerly	11.32			18	250		12,194.20
9	SBI 154	108, 108X-1	F	Perry	Ill. 154 (SBI 154) east of Pinekneyville	5.66			18	99		4,884.45
						1.32		1.32	24			132,156.70
									24			13,490.00
												110,482.85
												73,197.00
												233,418.36
												7,750.00
												138,753.40
												2,440.00
												51,069.65
												349,870.03
												1,760.00

DESIGN

DESIGN									
9	SBI 150	121(W, RS-1)	State P Randolph	Ill. 3 (SBI 150) between Mary's River and Chester	2.68			18, 38 6	96,112.25 105,868.28 5,578.00 169,096.90
10	SBI 63	3035-15d-Z-Y&RS	State P Cook	Higgins Road (SBI 63) from Elmhurst Road northeasterly (For balance of contract see Part B—Secondary — Rural — CH 130 — Section 3035-15D-Z-Y&RS—District 10)			c2.68	c250	
10	SBI 62	115-RS	State P Kane-Cook	Algonquin Road (Ill. 62—SBI 62) from East River Road (Ill. 25) north of Carpentersville southeasterly to Sutton Road (Ill. 59) in Barrington Hills	0.25			2@24	
					4.90			20	215,056.05 450.00
				Primary highways, rural					
				Continuous bituminous concrete surfacing	306.58				\$7,819,875.15
				Intermittent bituminous concrete surfacing	72.56				1,332,446.98
				Concrete base course widening		17.47			945,595.17
				Bituminous base course widening		23.61			1,003,749.48
				Full-width concrete base course			23.88		3,914,072.03
				Full-width flexible base course			1.16		97,380.18
				Concrete pavement patching				26,158	502,352.13
				Bituminous pavement patching				33,795	669,032.34
				Culverts extended					56,284.50
				Bridges widened				2 7	587,412.02
				Totals for primary highways, Part B—rural	379.14	41.08	25.04	59,953	\$16,928,199.98

PRIMARY HIGHWAY CONTRACTS AWARDED BY THE STATE ON URBAN TYPE WORK (EXCLUDING FEDERAL-AID INTERSTATE CONTRACTS)												
District	Route ¹	Section	Class ²	County	Location	Miles of Bituminous Surface	Miles of Base Widening	Miles of Full-width Base	Width in Feet	Pavement Patching (Square Yards)	Number of Bridges	Contract Price
1	SBI 18	(16R)RS	State P	DeKalb	Market Street (US 34—SBI 18) from west of Maple Street easterly to city limit of Somonauk	0.68			22			\$ 39,390.23
1	SBI 71	(116W)RS, 4CS	State P	DeKalb	Lincoln Ave. (US 30—SBI 71) between Ray Street and Walnut Street in Hineckley	0.44			34, 50	663		24,817.32 1,173.00
1	SBI 72	128RS-1, 127S-1	State P	DeKalb	Main Street (Ill. 72—SBI 72) between Washington Street and Locust Street in Genoa	0.70			32			48,184.76 432.00
1	SBI 18	(9Y)RS-1	State P	DuPage	US 34 (SBI 18) in and north of Hinsdale	1.57			40			47,062.88 4,336.00

TABLE 22.—Continued.
PART B.—Continued.

District	Route ¹	Section	Class ²	County	Location	Miles of Bituminous Surface	Miles of Base Widening	Miles of Full-width Base	Width in Feet	Pavement Patching (Square Yards)	Number of Bridges	Contract Price
1	SBI 64 Spur	131RS-1	State P	DuPage	Main Street (SBI 64 Spur) between Ill. 64 and Heinberg Pleasant Lane in Lombard	0.56			20	b824		12,264.00
1	SBI 58	580RS (64 CS)	State P	Kane	Summit Street (SBI 58—Ill. 58) between Dundee Ave. and Kane-Cook County line in Elgin	0.77			40			11,972.00
1	SBI 63	631RS, (T, T-1, T-2) RS-1	State P	Kane	Ill. 72 (SBI 63) in and near East Dundee	2.10			18, 36, 60	b509		54,189.75
1	SBI 64	128RS	State P	Kane	East Main Street (Ill. 64—SBI 64) between 4th Street and 5th Ave. in St. Charles	0.47			53	b505		76,637.39
					(For balance of contract see Part B—Urban—Secondary—CH 13 — Section (39 Ext., 39) RS							9,857.00
1	SBI 42	(113F-Ext.) RS	State P	Lake	Ill. 42 (SBI 42) between Washington Ave. and East limit of Highway	0.34			44			35,203.85
1	FA 139, SBI 176	(112X Ext.) RS, (112X) W, RS, 146RS	State P	McHenry	Ill. 176 (FA 139—SBI 176) in and east of Crystal Lake	1.83	b1.01		24, 30 2@2	b1,090		9,159.39
1	SBI 19	28-RS-1	State P	McHenry	Ill. 120 (SBI 19) between US 14 and Tryon Street in Woodstock	2.22			22, 30	b332		51,661.20
1	SBI 20, 61	(14, 14X, 14W-2) RS; (112, 112 Ext.) RS; 13CS	State P	McHenry	Ill. 120 (SBI 20)	0.49			36			62,853.82
1	SBI 22, 62	(18) RS-1, (115X) RS	State P	McHenry	Ill. 31 (SBI 61)	0.15			40	b93		17,181.60
1	SBI 4	(1S & 2R) RS	State P	Will	All in City of McHenry	0.47			24	b143		18,728.00
1	SBI 4	OZ-RS	State P	Will	Ill. 31 and 62 (SBI 22 and 62) all in Algonquin	0.93			40, 2@22	b183		66,202.89
3	SBI 44	15E-RS	State P	Kankakee	US 66A (SBI 4) from Patterson Road in Joliet to Zarley Blvd. south of Joliet	0.58			42			6,044.50
					On Chicago Street (Alt. US 66—SBI 4) in Joliet	1.15			40, 64			50,902.05
					Broadway Street and Schuyler Ave. (SBI 44) between US 45 and 52 and the south limit of Bradley							16,671.02
												1,693.00
												27,100.57
												2,540.50
												44,431.70
												3,852.00
												37,252.40
												100,118.90

DESIGN

			DESIGN									
3	FA 24	99(W, RS), 100(R, W, RS), 37R	U	LaSalle-Livingston	Bloomington Street and Paris Street (FA 24) between Lundy and Franklin Streets in Streator	1.17 0.56				26, 36 36 2		60,475.10 41,253.27 498.50 432,176.96
3	FA 105	108(W-1&RS)	F	LaSalle	Main Street (Ill. 170—FA 105) from US 6 southerly in Seneca		c0.04			c1.06	26, 34	
3	SBI 2	(2Q-CS, 71)RS	State P	LaSalle	Peoria Street (SBI 2) in and north of Peru	1.05		0.54			38, 45 2@10	c217
3	SBI 7	33RS, (CS-33Q-CS)	State P	LaSalle	US 6 (SBI 7) between Harrison and Rock Streets and between Farm and Peru Streets in Peru						18	b94
3	FA 18	2-Z(W, RS)	F	Marshall	Fifth Street (FA 18) in Lacon	1.76					42, 52	b148
4	SBI 8	36RS-1	State P	Knox	Grand Ave. (US 150—SBI 8) between Ohio Street and Whitesboro Street in Galesburg	0.69		c0.69			42 14, 4	
5	SBI 2	51(W-1, RS-2)	F	Macon	(For balance of contract see Part A—Primary—Section 36RS-1) US 51 (SBI 2) from north to south limits of Moroa	0.90					38	c50
6	FA 36	78-1 (W, RS)	U	Adams	Third Street (FA 36) from Spring Street northerly to Locust Street in Quincy	1.07				c1.07	30, 42 2@6, 10	c1,200
6	SBI 36	1RS, 7RS-1	State P	Adams-Hancock	Non-Federal-aid portion of base widening	0.93		c0.42			24 2@Var.	
6	FA 65	135	F	Christian	Non-Federal-aid portion of base course					c0.51	24	
6	FA 65	135RS	State P	Christian	Ill. 61 and 94 (SBI 36) in and south of Bowen							c301
6	FA 73	116X	U	Logan	Taylorville Bypass (FA 65) at Taylorville	8.20					18, 21	c372
					Non-Federal-aid portion of contract							
					Taylorville Belt Line (FA 65) at Taylorville					c1.55	24	
					(For balance of contract see Part B—Primary—Rural—District 6—FA 65—Section 135RS)					c3.80	24	
					FA 73 from 25 feet northwest of intersection of Keokuk Street with Sherman Street in Lincoln southwesterly	3.80					24	
6	FA 73	116X	U	Logan	(For balance of contract see Part B—Primary — Rural—FA 73—Section 116X—District 6)	1.01					2@21 2@21	
										c1.01		

TABLE 22.—Continued.
PART B.—Continued.

Dis- trict	Route ¹	Section	Class ²	County	Location	Miles of Bitumi- nous Surface	Miles of Base Widen- ing	Miles of Full- width Base	Width in Feet	Pavement Patching (Square Yards)	Number of Bridges	Contract Price
6	FA 119, SBI 121	116-I-1, 109RS-1	State P	Logan	Delavan and Garfield Streets (FA 119), Lincoln Street and Ill. 121 spur (SBI 121) in and near Emden	2.71			18, 20	c505		67,415.36 10,154.00
6	SBI 10	A, 33, 37(X, RS)2	U	Morgan	At intersection of Morton Ave. (US 36, 54—SBI 10) with Main Street (US 67) in Jacksonville	0.14	c0.14		2@24 2@Var.			35,131.45 97,996.00
6	FA 5	103-1	U	Sangamon	(For balance of contract see Part A— Primary—SBI 10—Section A, 33, 37 (X, RS)2—Morgan County) Ash Street (City US 66—FA 5) from 4th Street easterly in Springfield	0.20	c0.20		2@Var. 2@Var.			17,724.80 47,502.61 9,769.25
6	FA 5	110X-7	State P U	Sangamon	Non-Federal-aid portion of contract. South 6th Street (US City 66) (FA 5) south of Springfield	0.65		c0.47	36, 2@36 2@36			130,644.15 159,212.52 13,878.47
6	FA 49	19X3-1	State P U	Sangamon	Non-Federal-aid portion of contract. Clear Lake Ave. (Ill. 125—FA 49) at in- tersection with Bypass US 66 east of Springfield	0.23		b0.23	24 24			42,972.21 154,429.66 18,492.61
7	SBI 37	(1)W, RS	State P State P	Jefferson	Non-Federal-aid portion of contract. Tenth Street (Ill. 37—SBI 37) at inter- section with L&N and Mo.&P Rail- roads in Mt. Vernon	0.06	b0.06		2@27 2@5			8,148.00 10,644.00 6,680.00
8	SBI 11	QZ-I	State P	Bond	Beaumont Ave. (SBI 11) at intersec- tion with McAdams and Asbury Streets at Greenville	0.07	b0.07		24 2@3			8,763.80 24,400.40
8	FA 4	202-RS	State P	Madison	US 67 (FA 4) in East Alton and Wood River	1.89			2@24			43,188.60
8	SBI 3	95VB-I-1	State P	Madison	Broadway Street (SBI 3) from McKin- ley Ave. northeasterly in Venice. (For balance of contract see Part C— Primary—SBI Route 3—Section 95- VB-I-1)	0.46			44, 50			59,042.70
8	FA 14	166Z (W, RS)	U	St. Clair	Missouri Ave. (US 460 — FA 14) from 8th Street southeasterly in East St. Louis	1.17	c1.17		2@24, 36 2@2, 6			67,467.80 292,192.18 47,994.00 26,989.45
			State P		Non-Federal-aid portion of contract					c2,853		

DESIGN

9	SBI 144, 13, FA 101	101RS-2, 12RS-2, 12-1RS	State P	Jackson	Walnut Street (Ill. 144—SBI 144), Ill. 127 (SBI 13) and Ill. 13 (FA 101) at Murphysboro	0.35				Var.		24,824.75
9	SBI 1	(41, 41X)RS-2	U	Massac.	10th Street (US 45—SBI 1) between James Drive and Johnson Street in Metropolis	0.62				2@24 2@Var.		44,565.95 317,413.65 2,168.00 4,263.00
9	SBI 2	6(W, RS)	State P F	Perry	Non-Federal aid portion of contract. Walnut Street (US 51—SBI 2) in Tam- araa	0.88				24 2@3		36,185.05 106,242.85 1,500.00 3,193.50 14,451.20 73,531.87 11,094.80
9	SBI 142	6BY (124, 125)RS	F State P	Saline	On US 51 (SBI 2) over Collier Creek— Ill. 142 (SBI 142) from Raleigh Road to US 45 in Eldorado	0.99				24 2@3		49,841.00 109,628.15 4,346.00
10	FA 23	1963-2RS	State P	Cook	Green Bay Road (FA 23) between Em- erson Street and Isabella Street in Evanston							61,093.85 7,750.00
10	FA 23	1963-3RS	State P	Cook	Green Bay Road between Isabella Street and Ashland Ave. in Wilmette	1.23				48		76,369.00 3,100.00
10	FA 23	1963-4RS	State P	Cook	Green Bay Road (FA 23) between Ash- land Ave. and north limit of Kenil- worth	1.28				52		36,432.80 2,475.00
10	FA 23	1963-5RS	State P	Cook	Green Bay Road (FA 23) between Scott Ave. and Lake-Cook Road in Glencoe	0.50				57		134,146.55
10	FA 99	50-4X	U	Cook	On Cicero Ave. (FA 99) and at Cicero Ave. interchange and Pulaski Road interchange in Chicago	2.91				40		3,598.50 33,922.12
10	SBI 1	161-Y-1, RS	State P	Cook	(For balance of contract see Part A— Interstate—FAI 55—Dist. 10—Section 1112-636)	0.05				2@36 2@36		28,075.84 226,723.94
10	SBI 1	3268-15d-Z-W-1	State P	Cook	Halsted Street (SBI 1) and 183rd Street in Glenwood and Homewood	0.83				32 12, 24		270,143.83
10	SBI 1	3268-15d-Z-W-1-RS	State P	Cook	Halsted Street (SBI 1) between 137th and 146th Streets in Riverdale and Harvey					2@4		44,498.20
10	SBI 4A	4A-Y-NRM-2-Y	U	Cook	Halsted Street (SBI 1) between 137th and 146th Streets in Riverdale and Harvey Archer Ave. (Ill. 4A—SBI 4A) between Harlem Ave. and Cicero Ave. in Chi- cago	1.19				2@22		775,146.25

TABLE 22.—Continued.
PART B.—Continued.

Dis- trict	Route ¹	Section	Class ²	County	Location	Miles of Bitumi- nous Surface	Miles of Base Widen- ing	Miles of Full- width Base	Width in Feet	Pavement Patching (Square Yards)	Number of Bridges	Contract Price
10	SBI 4A	4A-Y-NRM-2-Y-RS	U	Cook	Archer Ave. (Ill. 4A—SB I4A) between Harlem Ave. and Cicero Ave. in Chi- cago	3.11			2@24			196,351.50
10	SBI 5	5-Z-1-RS	State P	Cook	Warren and Washington Boulevards (SBI 5) between Homen and Ogden Avenues in Chicago	2.37			26, 46			105,897.80
10	SBI 6, 21	1963-2R	State P	Cook	Roosevelt Road (SBI 6) underpass near South Kolmar Ave. and Foster Ave. (SBI 21) underpass near LeClaire Ave. in Chicago	0.12			2@21 2@21			4,942.66 43,664.95
10	SBI 46	464-Y-2	U	Cook	At intersection of Mannheim Road (US 45—SBI 46) with Roosevelt Road (Alt. US 30) in Hillside and West- chester	0.88			2@24 24			30,188.70 340,891.09 147,236.46
10	SBI 50	50-Y-1-R-Ext.	State P	Cook	Non-Federal-aid portion of contract West 65th Street (SBI 50) from Cicero Ave. westerly in Bedford Park	0.14			22, 33 22, 33			6,270.20 62,849.55
10	SBI 50	3068-NRM-2-Z-Y	U	Cook	Cicero Ave. (SBI 50) between 95th Street and 115th Street in Oak Lawn		c0.34		2@6 2@18			36,296.50 823,745.41 560.00
10	SBI 50	3068-NRM-2-Z-Y-RS	State P	Cook	Non-Federal-aid portion of contract Cicero Ave. (Ill. 50—SBI 50) between 95th Street and 115th Street in Oak Lawn	1.95 0.34			2@36 2@24			85,340.58 4,457.40
10	SBI 53	3277-Z-Y-1	U	Cook	159th Street (US 6—SBI 53) between Oak Ave. and Dixie Highway in Markham and Oak Forest, south of Chicago							1,128,839.49 3,400.00
10	SBI 53	3277-Z-Y-1-RS	U	Cook	159th Street between Oak Ave. and Dixie Highway in Markham and Oak Forest, south of Chicago					c200		
10	SBI 59	1963-7RS	State P	Cook	Dundee Road (SBI 59-Ill. 59) from Ill. 68 southwesterly in Barrington Hills (For balance of contract see Part B— Secondary—Rural—FAS Route 115— Section 1963-7RS—District 10)	2.24 1.22			2@24 24			88,379.22 34,620.44
10	Various	1963-1-RS	State P	Cook	At six (6) intersections in Cook County	0.45			40			20,355.20
10	Various	1963-2RS	State P	Cook	At eight (8) intersections in Cook County	0.98			40			33,876.00
10	Various	1963-3RS	State P	Cook	At six (6) intersections in north portion of Cook County	1.14			40, 48	c500 c500		10,000.00 44,398.20 10,500.00

DESIGN									
10	Various	1963-4-RS	State P Cook	Various routes at 6 locations in South Chicago					
10	Various	1963-5RS	State P Cook	At the following 4 intersections: Kedzie Ave. and 87th Street Kedzie Ave. and 111th Street Crawford Ave. and 115th Street Crawford Ave. and 123rd Street to 127th Street all in southern portion of Cook County					
10	Various	1963-6RS	State P Cook	At nine (9) intersections in southern portion of Cook County					
				71.29					
Primary highways, urban—				2.11					
Continuous bituminous concrete surfacing									\$3,265,964.46
Intermittent bituminous concrete surfacing									141,395.40
Bituminous base course widening				1.14					52,226.00
Concrete base course widening				9.44					2,001,914.16
Full-width bituminous concrete base course					0.54				273,358.89
Full-width concrete base course					16.37				5,447,658.99
Bituminous pavement patching								3,497	60,356.89
Concrete pavement patching								10,148	220,949.95
Bridge widening									11,094.80
Totals for primary highways, urban				73.40	10.58	16.91		13,645	\$11,474,919.54
Totals for primary highways in Part B				452.54	51.66	41.95		73,598	\$28,403,119.52

SECONDARY ROAD CONTRACTS AWARDED BY THE STATE ON RURAL TYPE WORK.

District	Route ¹	Section	Class ²	County	Location	Miles of Bituminous Surface	Miles of Base Widening	Miles of Full-width Base	Width in Feet	Pavement Patching (Square Yards)	Number of Bridges	Contract Price
1	CH 6	34(W, RS)	State S	DuPage	Joliet Road (CH 6) from Alt. US 30 northerly to East Brown Street in West Chicago	0.60	60.60		24 2@3			\$ 20,851.40 27,637.30 5,181.00
1	CH 7A	37-RS	State S	Lake	Ill 83 (CH 7A) between Grayslake and Ivanhoe	4.13			18	273		62,824.55 13,429.36
1	CH 1, 38	(33, 33X) RS	State S	Ill	US 6 (CH 1 and 38) from Joliet to Will-Cook County line (For balance of contract see Part B—Urban—Secondary—CH 33—Section (39)W, RS)	7.70			20	6953		94,806.30
3	CH 11	25RS	State S	McLean	County Highway 11 from Ill. 9 south-erly to Saybrook	3.20			18			60,489.00

TABLE 22.—Continued.
PART B.—Continued.

Dis- trict	Route ¹	Section	Class ²	County	Location	Miles of Bitumi- nous Surface	Miles of Base Widen- ing	Miles of Full- width Base	Width in Feet	Pavement Patching (Square Yards)	Number of Bridges	Contract Price
5	CH 3, 5	2 ^h	State S	Coles	County Highway 3 between Oakland and Ashmore and County Highway 5 from Ill. 130 extending easterly and southerly southeast of Charleston	0.97			18, 20	514		25,203.00 11,373.16
9	FAS 910	40RS	State S	Williamson	(For balance of contract see Part B—Primary—Rural—SBI Routes 1 and 130—Clark, Coles, Cumberland and Edgar Counties—District 5) FAS 910 about 0.12 mi. south of inter-section of Ill. 148 with old Ill. 13 west of Marion southerly	5.24	5.24		24 2@ 1			93,571.40 153,133.20
10	FAS 115	1963-7RS	State S	Cook	Dundee Road (FAS 115—Ill. 68) from Ill. 59 easterly to C&NW Ry. in and east of Barrington Hills (For balance of contract see Part B—Primary—Urban—SBI Route 59—Section 1963-7RS—District 10) Touhy Ave. (County Highway 130) from Elmhurst Road easterly to east of Wolf Road	3.53			20			51,030.06
10	CH 130	3035-15d-%-Y&RS	State S	Cook	(For balance of contract see Part B—Primary—Rural—SBI Route 63—Section 3035-15D-Z-Y&RS—District 10)	1.90			2@36			1,285,996.47
Secondary roads, rural—												
Continuous bituminous concrete surfacing												
Bituminous base course widening												
Flexible base course widening												
Bituminous pavement patching												
Concrete pavement patching												
Totals for secondary roads—rural												
						27.27	0.60 5.24			1,226 514		\$1,694,772.18 27,657.30 153,133.20 18,610.36 11,373.16
						27.27	5.84			1,740		\$1,905,546.20

SECONDARY ROAD CONTRACTS AWARDED BY THE STATE ON URBAN TYPE WORK.

Dis- trict	Route ¹	Section	Class ²	County	Location	Miles of Bitumi- nous Surface	Miles of Base Widen- ing	Miles of Full- width Base	Width in Feet	Pavement Patching (Square Yards)	Number of Bridges	Contract Price
1	CH 13	38(W, RS)	State S	DuPage	Main Street (CH 13) in Winfield	0.89	0.89		24			\$ 27,913.10
1	CH 25	46RS	State S	DuPage	Westmore Ave. between Emerson Ave. and Division Street in Lombard				2@3	b436		41,311.00
1	DA Road	C-61	A-AD	DuPage	91st Street (Defense Access Road) at Argonne National Laboratory	0.38			30, 52	b621		28,475.00
1	CH 13	(39 Ext., 39) RS	State S	Kane	Fifth Ave. (Ill. 25—CH 13) between Illi- nois Ave. and Johnr Ave. in St. Charles	0.50		70.50	20			19,616.10
					(For balance of contract see Part B— Urban — Primary—SBI 64—Section 128RS)	1.00			30			9,315.00
1	CH 11	Z-RS	State S	Lake	Old Deerfield Road (CH 11) between Devonshire Court and old Skokie Road in Highland Park	0.40			24			7,671.05
1	FAS 10	(14SB) RS	State S	Lake	Forest Park Ave. from EJ&E RR southerly to Marquette Street in North Chicago	0.33			32	b63		23,909.85
1	FAS 1001	83(W, RS)	US	Lake	Lewis Ave. (FAS 1001) from Ill. 137 northerly to near 23rd Street in North Chicago							74,901.80
					(For balance of contract see Part A— Secondary—FAS 4—Section 71-R— Lake County)	0.59	0.59		2@24 9, Var.			1,922.61
1	CH 33	(39) W, RS	State S	Will	Walnut Ave. (CH 33) between Eagle Street and US 30 in Joliet	0.43	0.35		24, 34 2@2	b2,143		10,894.60
1	CH 42	28X-RS	State S	Will	(For balance of contract see Part B— Rural—Secondary—CH 1 and 38— Section (33, 33X) RS)							10,476.88
1	CH 57	29 (W, RS)	State S	Will	West Park Ave. (CH 42) from Raynor Ave. to Cochrone Ave. in Joliet	0.29			40, 46	b300		1,363.00
					White Street (CH 57) between Nebraska Street and US 30 in Frankfort	0.57	0.57		24 2@3			40,487.44
												116,439.20
												916.00
												14,663.25
												15,228.20
												36,925.00
												23,227.70
												6,300.00
												17,643.90
												21,307.90

DESIGN

TABLE 22.—Continued.
PART B.—Concluded.

Dis- trict	Route ¹	Section	Class ²	County	Location	Miles of Bitumi- nous Surface	Miles of Base Widen- ing	Miles of Full- width Base	Width in Feet	Pavement Patching (Square Yards)	Number of Bridges	Contract Price	
2	FAS 1061	120	US	Winnebago	Spring Creek Road (FAS 1061) from about 0.30 mi. east of US 51 in Rock- ford extending northeasterly to Alpine Road (CH 44)	1.38		1.38	2@24 2@15			81,884.35 361,276.70 21,006.35	
												1	
5	FAS 520	3	US	Champaign	(For balance of contract see Winnebago County — Section 120 — FAS 1061 — listed in Local Roads and Streets Re- port) Kirby Ave. (FAS 520) from west of Mattis Ave. to east of Prospect Ave. in Champaign	1.14		1.14	2@22 2@22			64,680.00 512,068.40 43,441.04 18,288.49	
6 10	CH 4 CH 055, 029	49RS 3248-15d-Z-C&G	State S State S	Sangamon Cook	Non-Federal-aid portion of base course. South Grand Ave. (CH 4) in Springfield Dixie Highway (CH 055) and Robey Street (CH 029) between 167th Street and 169th Street in Hazel Crest	0.44			22, 36				
						0.25		0.25	18 Var.				3,910.50 22,175.00
Secondary roads, urban—						8.59	1.24 1.16					\$416,259.16 56,539.20 137,747.10 23,909.85 938,961.14 84,300.61 916.00 21,006.35	
Continuous bituminous concrete surfacing													
Bituminous base course widening													
Concrete base course widening													
Full-width flexible base course								0.50					
Full-width concrete base course								2.77					
Bituminous pavement patching										3,669			
Concrete pavement patching										92			
Bridge widening											1		
Totals for secondary roads—urban						8.59	2.40	3.27		3,761	1	\$1,679,639.41	
Totals for secondary roads in Part B						35.86	8.24	3.27		21,161	1	\$3,585,185.61	
Totals, Part B						494.81	59.90	45.22		97,015	12	\$32,588,866.96	

TABLE 22.—Continued.

PART C.—CONTRACTED EXTRAORDINARY MAINTENANCE WORK ON FEDERAL-AID INTERSTATE AND OTHER PRIMARY HIGHWAYS AND SECONDARY ROADS.

FEDERAL-AID INTERSTATE HIGHWAY MAINTENANCE CONTRACTS AWARDED BY THE STATE.							DESIGN	
Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
FAI 80, 90	Dist. 10 Cultivation Maintenance '63-2	State I	Cook	Along Kingery Expressway (FAI 80 and 90) between Calumet-Kingery interchange and Illinois-Indiana State line (For balance of contract see Part C—Primary—FA 122)	4.00	Cultivating shrub beds		\$ 1,190.86
FAI 80, 90	Dist. 10 Expressway Tree Spraying '63-2	State I	Cook	Along Calumet Expressway (FAI 90) from South Shore Railroad to Sauk Trail and along Kingery Expressway from Calumet Expressway to Illinois-Indiana State line	15.00	Tree spraying		3,624.13
FAI 90	002-3738-I	State I	Cook	From Congress Street Expressway (FAI 90) to south frontage road southwest of Mannheim Road interchange with Congress Street Expressway in Hillside		Ramp reconstruction		3,367.95
FAI 90	2530-250SR	State I	Cook	On 5.59 mi. of Congress Street Expressway (FAI 90) between Laramie Ave. and Halsted Street in Chicago	3.37	Intermittent shoulder reconstruction	10, 3	58,645.75
FAI 90	Dist. 10 Expressway Mowing Maintenance '63-1	State I	Cook-Lake	Along Edens Expressway (FAI 90) between Wilson Ave. and Clavey Road	15.00	Roadside mowing		32,368.88
Various	Dist. 10 Joint Sealing '63-1	State I	Cook	Edens, Northwest, Congress and Calumet Expressways in Cook and DuPage Counties		Cleaning & filling joints & cracks		137,016.00
FAI 90, 94	Dist. 10 Expressway Mowing Maintenance '63-2	State I	Cook	Along Calumet and Dan Ryan Expressways in Cook County	10.20	Roadside mowing		16,005.36
FAI 90	Dist. 10 Cultivation Maintenance '63-4	State I	Cook	Congress Street Expressway (FAI 90) from Morgan Street westerly to Lake Street extension thence northerly to C&GW RR	13.00	Cultivating shrub beds		6,720.00
FAI 90	Dist. 10 Expressway Mowing Maintenance '63-4	State I	Cook-DuPage	Along Congress Street Expressway (FAI 90) between Halsted Street and the intersection of Lake Street with Emroy Ave. and between Wolf Road and intersection of Roosevelt Road with York Road	18.00	Roadside mowing		74,493.00

TABLE 22.—Continued.
PART C.—Continued.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
FAI 90-----	Dist. 10 Expressway Tree Spraying '63-4-----	State I---	Cook-DuPage-----	Along Congress Street Expressway (FAI 90) between Wells Street Plaza and intersection of York Road with Roosevelt Road thence to C&GW RR Bridge	14.00	Tree spraying-----	-----	4,451.40
FAI 90, 94--	Dist. 10 Expressway Mowing Mainte- nance '63-6-----	State I---	Cook-----	Along South, Dan Ryan and Northwest Expressways between 110th Street and Ogden Ave. in southeast portion of Chicago-----	13.20	Roadside mowing-----	-----	44,827.00
FAI 94-----	0211-458SG, Part I--	State I---	Cook-----	On northwest-bound roadway of Northwest Express- way 340 feet southeast of Ogden Street pedestrian bridge in Chicago-----	-----	Foundation repair and re- placement of overhead sign structure-----	-----	9,041.00
FAI 94-----	Dist. 10 Cultivation Maintenance '63-1-----	State I---	Cook-Lake-----	Along Edens Expressway (FAI 94) between Montrose Ave. and Clavey Road-----	15.00	Cultivating shrub beds-----	-----	4,168.00
FAI 94-----	Dist. 10 Fertilizer Maintenance '63-1-----	State I---	Cook-Lake-----	Along Edens Expressway (FAI 94) between Wilson Ave. and 1,500 feet north of Clavey Road-----	15.00	Roadside fertilizing-----	-----	9,120.13
FAI 94-----	Dist. 10 Expressway Tree Spraying '63-1-----	State I---	Cook-Lake-----	Along Edens Expressway (FAI 94) from Montrose Ave. northerly to Clavey Road-----	15.00	Tree spraying-----	-----	3,816.68
FAI 94-----	Dist. 10 Cultivation Maintenance '63-5-----	State I---	Cook-----	Along Northwest Expressway (FAI 94) between Montrose Ave. and Mannheim Road-----	8.00	Cultivating shrub beds-----	-----	10,440.00
FAI 94-----	Dist. 10 Expressway Mowing Mainte- nance '63-5-----	State I---	Cook-----	Along Northwest Expressway (FAI 94) between Ogden Ave. and Mannheim Road in and northwest of Chicago-----	15.00	Roadside mowing-----	-----	61,341.00
FAI 94-----	Dist. 10 Expressway Tree Spraying '63-5-----	State I---	Cook-----	Along Northwest Expressway (FAI 94) between Congress Street Expressway and Mannheim Road-----	15.00	Tree spraying-----	-----	4,157.15
Various-----	Dist. 10 Expressway Guard Rail Main- tenance '63-1-----	State I---	Cook-Lake-DuPage- Will-----	At various locations along Calumet, Kingery, Con- gress, Northwest, Edens, Dan Ryan and Southwest Expressways-----	-----	Maintaining & repairing guard rails-----	-----	65,871.60

DESIGN

Various-----	Dist. 10 Expressway Pedestrian Barrier Repair '63-1---	State I---	Cook-Lake-DuPage- Will-----	At various locations along Calumet, Kingery, Congress, Northwest, Edens, Dan Ryan and Southwest Expressways-----	-----	Highway fence repairs-----	21,222.00
Various-----	Dist. 10 Expressway Painting '63-2-----	State I---	Cook-Will-----	At 17 locations on various routes-----	-----	Cleaning and painting 17 bridges-----	59,025.00
Various-----	Dist. 10 Expressway Mowing Maintenance '63-3-----	State I---	Cook-----	Along various routes in south portion of Cook County-----	16.00	Roadside mowing-----	39,400.95
FAI 80, 55-----	Dist. 1 Mowing Maintenance '63-4-----	State I---	Kendall-Will-----	Along FAI 80 and 55 from Minooka to Ill. 53-----	21.90	Roadside mowing-----	20,560.02
FAI 55-----	Dist. 1 Mowing Maintenance '63-5-----	State I---	Will-----	Along FAI 55 from west of Braidwood to southwest of Joliet-----	15.90	Roadside mowing-----	19,652.00
Total Federal-aid interstate highway maintenance contracts awarded by the State-----							\$710,525.86

PRIMARY HIGHWAY MAINTENANCE CONTRACTS AWARDED BY THE STATE (EXCLUDING FEDERAL-AID INTERSTATE CONTRACTS)							DESIGN	
Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
SBI 127A-----	112-B-I-----	State P-----	Bond-----	On Ill. 143 (SBI 127A) over Shoal Creek about 1 mi. east of Pierron-----	-----	Bridge repair-----	-----	\$ 32,471.75
Various-----	Dist. 8 Painting '63-1-----	State P-----	Bond-Madison-St. Clair-----	At 6 locations on various routes-----	-----	Cleaning & painting 6 bridges-----	-----	14,770.00
FA 122-----	Dist. 10 Cultivation Maintenance '63-2-----	State P-----	Cook-----	Along Calumet Expressway (FA 122) between Dolton Ave. and Sauk Trail (For balance of contract see Part C—Interstate—FAI Route 90 and 80)-----	10.00	Cultivating shrub beds-----	-----	2,977.14
SBI 4-----	Dist. 10 Bridge Repairs '63-2-----	State P-----	Cook-----	On Joliet Road (SBI 4—US 66) over B&OCT RR in McCook-----	-----	RR structure repair-----	-----	16,463.05
SBI 22, FA 123-----	Dist. 10 Bridge Repairs '63-11-----	State P-----	Cook-----	Lowler Bridge on Lincoln Highway (SBI 22) in Rich Township and Bremsteadt Bridge on Crawford Ave. (FA 123) in Bremen Township-----	-----	2 bridge repairs-----	-----	6,911.45
SBI 42-----	Dist. 10 Bridge Repairs '63-8-----	State P-----	Cook-----	On Sheridan Road (SBI 42) known as Stone Bridge and Newhall Bridge in Glencoe-----	-----	2 bridge repairs-----	-----	9,900.00
SBI 46-----	Dist. 10 Bridge Repairs '63-9-----	State P-----	Cook-----	On LaGrange Road (SBI 46) over AT&SF RR and Des Plaines River about 4 mi. south of Western Springs-----	-----	Comb. bridge & RR gr. sep. struct. repair-----	-----	60,013.40

TABLE 22.—Continued.
PART C.—Continued.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
SBI 59, 63	Dist. 10 Bridge Repairs '63-7	State P	Cook	On Sutton Road (SBI 59) over Golf Road in Hanover Township and on Dundee Road (SBI 63) over EJ&E RR in Barrington Township		2 bridge repairs		13,576.08
Various	Dist. 10 Bridge Repairs '63-6	State P	Cook	On Devon Ave. over North Branch of Chicago River On Central Ave. Over North Branch of Chicago River On Foster Ave. over North Shore Channel All in Chicago		3 bridge repairs		12,499.90
Various	Dist. 10 Bridge Repairs '63-13	State P	Cook	Lange Bridge on 135th Street, Downey Bridge and Meyers Bridge on 134th Street and Minard Bridge on 147th Street all in Cook County		4 bridge repairs		9,852.25
Various	Dist. 10 Mowing Maintenance '63-1	State P	Cook	Along various routes in north portion of Cook County	296.00	Roadside mowing		27,429.00
Various	Dist. 10 Mowing Maintenance '63-2	State P	Cook	Along various routes in west portion of Cook County	144.20	Roadside mowing		19,908.70
Various	Dist. 10 Mowing Maintenance '63-3	State P	Cook	Along various routes in south portion of Cook County	114.50	Roadside mowing		19,825.40
Various	Dist. 10 Painting '63-1	State P	Cook	At 7 locations on various routes in Cook County		Cleaning & painting 7 bridges		49,450.00
Various	Dist. 10 Weed Con- trol Spraying '63-1	State P	Cook	Along various routes in north portion of Cook County	269.10	Roadside weed control spray- ing		4,763.11
Various	Dist. 10 Weed Con- trol Spraying '63-2	State P	Cook	Along various routes in south portion of Cook County	275.80	Roadside weed control spray- ing		4,238.41
FA 131, SBI 72, FA 102	Dist. 1 Paint '63-1	State P	DuPage-DeKalb	On Ill. 55 (FA 131) over CA&E RR 2 mi. east of Ill. 59 in DuPage County; On Ill. 72 (SBI 72) over CMSt. P&P RR 2 mi. west of Kirkland and on Ill. 83 (FA 102) over CMSt. P&P RR near Bensonville Bridge on Alt. US 30 over Ill. 53 (SBI 53) in Glen Ellyn		Cleaning & painting 3 bridges		4,057.63
SBI 53	53B-I	State P	DuPage			Bridge repair		22,351.50
Various	Dist. 7 Painting '63-1	State P	Effingham-Marion- Shelby	At 5 locations on various routes		Cleaning & painting 5 bridges		8,820.00
SBI 9, 30, 78, 121	Dist. 4 Painting '63-1	State P	Fulton-Peoria- Stark-Tazewell	At various locations on Ill. 78, 91, 121 and US 150 in District 4		Cleaning & painting 5 bridges		21,306.55
FA 155	1-B-I	State P	Greene	(For balance of contract see Part C—Secondary— Peoria County—SA Route 8-10) On FA 155 about 2.5 mi. north of Eldred		Repairs to existing RC double box culvert		8,426.50

DESIGN

Various	Dist. 9 Painting '63-1	State P	Jackson-Johnson- Massac-Perry- Union-Williamson- LaSalle	At 12 locations on various routes Vertical Lift Span Bridge on US 51 (SBI 2) over Illi- nois River near LaSalle		Cleaning & painting 12 bridges	13,534.00
SBI 2	70-C1-I	State P	LaSalle	Along various routes in Lake County		Installation of new counter- weight cables	50,160.00
Various	Dist. 1 Mowing Maintenance '63-1	State P	Lake		128.00	Roadside mowing	30,126.80
SBI 104, 119A, 120, 121, 124	Dist. 6 Painting '63-1	State P	Logan-Morgan- Sangamon	At various locations on Ill. 104, 136, 10, 121 and 29 in District 6		Cleaning & painting 7 bridges	53,884.00
SBI 3	95VB-I-1	State P	Madison	Venice Viaduct on Broadway Street (SBI 3) in Venice. (For balance of contract see Part B—Primary—Urban SBI Route 3—Section 95VB-I-1—District 8)		Viaduct repair	40,580.15
SBI 8	50B-I-4	State P	Peoria-Tazewell	Franklin Street Bridge over Illinois River between East Peoria and Peoria		Bridge repair	388,241.87
FA 182	12-P	F	Randolph	On FA 182 over Kaskaskia River at Roots		Cleaning & painting bridge	8,250.00
SBI 164	119CB-I	State P	Tazewell	Bridge on Ill. 9 (SBI 164) over Mackinaw River about 2 mi. southwest of Mackinaw		Bridge repair	76,704.00
Various	Electrical and mis- cellaneous Main- tenance '63-64	State P	Various	Various routes and locations in Boone, Cook, DeKalb, DuPage, Kane, Kendall, Lake, McHenry and Will Counties throughout Districts 10 and 1		Patrolling, inspecting, serv- icing, maintaining, and re- placing damaged traffic signals, lighting, signing, pumping stations, etc. for 1 year	1,672,203.80
Various	Dist. 1 Mowing Maintenance '63-2	State P	Various	Along various routes in Cook, DuPage, Kane and Will Counties	79.00	Roadside mowing	18,411.00
Various	Dist. 1 Mowing Maintenance '63-3	State P	Various	Along various routes in Cook, DuPage, Kendall and Will Counties	80.00	Roadside mowing	12,593.85
Various	Dist. 2 Painting '63-1	State P	Various	On various routes and locations in District 2, 4 in Henry, 3 in Lee, 3 in Whiteside and 4 in Winne- bago Counties		Cleaning & painting 14 bridges	19,385.00
SBI 2, 47, 49, 115, FA 26	Dist. 3 Painting '63-1	State P	Various	On various routes and locations in Ford, Grundy, Iroquois, LaSalle and Kankakee Counties		Cleaning & painting 8 bridges	22,975.00
Various	Dist. 2 Weed Con- trol Spraying '63-1	State P	Various	Along various routes in Henry, Rock Island and Mercer Counties	160.40	Roadside weed control spray- ing	2,124.71
Various	Dist. 2 Weed Con- trol Spraying '63-2	State P	Various	Along various routes in Bureau, Carroll, DeKalb, LaSalle, Lee, Ogle and Whiteside Counties	217.10	Roadside weed control spray- ing	2,803.52

DESIGN

TABLE 22.—Continued.
PART C.—Concluded.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
Various-----	Dist. 2 Weed Control Spraying '63-3	State P--	Various-----	Along various routes in Carroll, JoDavless, Stephenson and Whiteside Counties-----	89.40	Roadside weed control spraying-----		\$ 1,179.06
Various-----	Dist. 2 Weed Control Spraying '63-4	State P--	Various-----	Along various routes in Lee, Ogle, Stephenson and Winnebago Counties-----	161.20	Roadside weed control spraying-----		2,150.00
Various-----	Dist. 4 Weed Control Spraying '63-1	State P--	Various-----	Along various routes throughout District 4-----	377.00	Roadside weed control spraying-----		6,224.21
Various-----	Dist. 5 Weed Control Spraying '63-1	State P--	Various-----	Along various routes throughout District 5-----	1,078.45	Roadside weed control spraying-----		31,486.32
Various-----	Dist. 6 Weed Control Spraying '63-1	State P--	Various-----	Along various routes in Adams, Brown, Calhoun, Hancock, Pike and Schuyler Counties-----	332.00	Roadside weed control spraying-----		5,272.93
Various-----	Dist. 8 Weed Control Spraying '63-1	State P--	Various-----	Along various routes throughout District 8-----	405.10	Roadside weed control spraying-----		7,776.00
Various-----	Dist. 9 Weed Control Spraying '63-1	State P--	Various-----	Along various routes throughout District 9-----	455.00	Roadside weed control spraying-----		14,314.24
Total primary highway maintenance contracts awarded by the State (excluding Federal-aid interstate contracts)-----								\$2,850,454.28

DESIGN

SECONDARY ROAD MAINTENANCE CONTRACTS AWARDED BY THE STATE

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
SA 25, Alt. US 30-----	Dist. 10 Bridge Repairs '63-3-----	State S-----	Cook-----	On 17th Ave. (SA 25) over Salt Creek near North Riverside and on Roosevelt Road (Alt. US 30) over Des Plaines River near Forest Park-----	-----	2 bridge repairs-----	-----	\$ 11,931.30
SA 86-----	Dist. 10 Bridge Repairs '63-12-----	State S-----	Cook-----	Libby Bridge on Dixie Highway (SA 86) in Posen and Wells Bridge on Crawford Ave. (SA 86) over Midlothian Creek in Midlothian-----	-----	2 bridge repairs-----	-----	8,682.40
FAS 166, SA 31, 46-----	Dist. 10 Bridge Repairs '63-5-----	State S-----	Cook-----	On Lawrence Ave. (FAS 166) over Des Plaines River, on First Ave. (SA 31) over Des Plaines Ave. and on Central Ave. over CMSt. P&P RR all in Chicago-----	-----	3 bridge repairs-----	-----	88,216.19
CH 203-----	Dist. 10 Bridge Repairs '63-10-----	State S-----	Cook-----	On Sauk Trail (CH 203) near east limit and about 1 mi. east of South Chicago Heights, respectively-----	-----	2 bridge repairs-----	-----	5,729.15
Foster Ave.	Dist. 10 Bridge Repairs '63-1-----	State S-----	Cook-----	On Foster Ave. over North Branch of Chicago River at three locations-----	-----	3 bridge repairs-----	-----	21,675.21
Various-----	Dist. 10 Bridge Repairs '63-4-----	State S-----	Cook-----	Milwaukee Ave. Bridge and Euclid Street Bridge over Des Plaines River, Waukegan Road Bridge over C&NW Ry and Harrison Street at Waukegan Road-----	-----	2 bridge repairs----- 1 RR gr. sep. struct. repair----- Pavement improvements-----	-----	14,913.60 4,959.30 1,180.00
CH 13-----	(49SB)DM-----	State S-----	Kane-----	At abandoned CA&E RR over Ill. 25 (CH 13) south of Elgin-----	-----	Removal of RR subway sub- structure-----	-----	7,435.17
SA 8-D-----	Dist. 4 Painting '63-1-----	State S-----	Peoria-----	On Harmon Highway (SA 8-D) over C&NW Ry in Peoria----- (For balance of contract see Part C--Primary--Ful- ton, Peoria, Stark and Tazewell Counties--SBI Routes 9, 30, 78 and 21)	-----	Cleaning & painting RR gr. sep. struct.-----	-----	3,881.45
Total secondary highway maintenance contracts awarded by the State-----								\$ 168,603.77
Total, Part C-----								\$3,729,583.91

TABLE 22.—Continued.
PART D.—DETAILED TABULATION OF STATE DAY LABOR CONSTRUCTION AND REHABILITATION CONTRACTS
AWARDED DIRECTLY BY THE STATE TO STATE DAY LABOR FORCES DURING 1963.

STATE DAY LABOR CONTRACTS AWARDED ON FEDERAL-AID INTERSTATE HIGHWAYS								
Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
FAI 90	2525.1-I	DL-M-I	Cook	On Kingery Expressway (FAI 90) over Penn. R.R.		RR gr. sep. struct. repair		\$ 1,145.00
FAI 94	0202.2-I	DL-M-I	Cook	On Caldwell Avenue over Edens Expressway		Hwy. gr. sep. struct. repair		16,593.50
FAI 94	0505.3-I	DL-M-I	Cook	On Northwest Expressway (FAI 94) between Wabansia Ave. and Cortland Ave. in Chicago.		Deck repairs		8,443.00
FAI 55	(22-2HB-1)LS	DL-C-I	DuPage	At interchange of US 66 (FAI 55) with County Highway 9 (Downers Grove Road)	0.95	Landscaping and drainage improvements		50,648.25
FAI 55	(22-2HB-1)I-1	DL-M-I	DuPage	Grade separation structure on US 66 (FAI 55) over Downers Grove Road about 3 mi. south of Downers Grove		Deck rehabilitation		2,508.00
FAI 57, 70	Dist. 7 Cable Road Guard '63-1	DL-C-I	Effingham	Along frontage roads of FAI 57 and 70 at various locations southwest of Effingham	1.57	Cable road guard		12,480.00
FAI 55	Dist. 1 Pavement Patching '63-3	DL-M-I	Will	On 15 mi. of US 66 (FAI 55) from Blodgett Road northerly to Welco Corners		919 sq. yds. PCC pavement patching		19,687.00
Total State day labor construction contracts awarded by the State on Federal-aid interstate highways								\$ 63,128.25
Total State day labor maintenance contracts awarded by the State on Federal-aid interstate highways								\$ 48,376.50
Total State day labor contracts awarded by the State on Federal-aid interstate highways								\$ 111,504.75

STATE DAY LABOR CONTRACTS AWARDED ON PRIMARY HIGHWAYS (EXCLUDING FEDERAL-AID INTERSTATE CONTRACTS)								
Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
FA 36	Dist. 6 Historical Markers '63-1	DL-C-P	Adams Pike	US 24 (FA 36) 2.5 mi. north of Quincy		Historical marker site		\$ 5,495.75
SBI 107				US 54 (SBI 107) 2.3 mi. east of Louisiana Missouri Bridge		Historical marker site		2,596.50

				DESIGN			
SBI 2	Dist. 9 Historical Markers '63-1	DL-C-P	Alexander	At the following six (6) locations: US 51 (SBI 2) north of Cairo Ill. 146 (SBI 146) east of Cape Girardeau, Missouri Ill. 3 (SBI 150) east of Thebes Ill. 13 (SBI 13) east of Shawneetown US 45 (FA 143) north of Brookport Ill. 3 (SBI 3) north of Ellis Grove On Ill. 3 (SBI 150) over Miller Creek about 1 mi. north of Thebes		6 historical marker sites	7,863.00 4,712.30 4,014.75 5,180.00 4,335.70 4,144.75
SBI 146							
SBI 150							
SBI 13			Gallatin				
FA 143			Massac				
SBI 3			Randolph				
SBI 150	133B, C-I	DL-M-P	Alexander			Bridge repair	3,706.10
SBI 150, 13	Dist. 9 Bituminous Undersealing '63-1	DL-M-P	Alexander-Saline-Williamson	Ill. 3 (SBI 150) south of McClure and on Ill. 13 (SBI 13) west of Harrisburg	13.32	Bit. undersealing of pavt.	34,491.30
SBI 160	139-B-I	DL-C-P	Bond	On Ill. 140 (SBI 160) over Shoal Creek west of Greenville		Bridge repair	15,728.65
Various	Dist. 8 Joint Cutting '63-1 (121, 122) I	DL-C-P	Bond-Montgomery Brown	On approaches to 12 bridges on various routes		Pavement joint cutting	2,970.00
SBI 104		DL-C-P		Along Ill. 99 (SBI 104) between Mt. Sterling and Versailles			
FA 153	(9, 10) I	DL-C-P	Brown-Schuyler	FA 153 from US 24 in Mt. Sterling northerly	8.04	Gr. or cr. stone shoulders	50,338.25
FA 94	1-VB-I	DL-M-P	Bureau	On Ill. 89 (FA 94) over CRI&P RR at Spring Valley	10.93	Bit. seal coat RR gr. sep. struct. repair	50,526.06 8,981.50
SBI 7	Dist. 2 Bituminous Seal Coat '63-3	DL-M-P	Bureau	US 6 (SBI 7) from Princeton westerly	1.17	Bituminous seal coat	1,424.00
SBI 7	11XB-1	DL-M-P	Bureau	Bridge on US 6 (SBI 7) over Bureau Creek west of Princeton		Bridge rehabilitation	13,462.40
SBI 28	Dist. 4 Patching '63-2	DL-M-P	Bureau-Henry	On 10.63 mi. of US 34 (SBI 28) east of Kewanee		1,514 sq. yds. PCC pavement patching	31,997.00
SBI 7	Dist. 2 Roadside Rest Stops '63-1	DL-C-P	Bureau	Along the following 6 routes: US 6 (SBI 7) 1 mi. west of Princeton US 6 (SBI 7) 5.6 mi. west of Geneseo US 20 (SBI 5) 5.5 mi. west of Elizabeth Alt. US 30 (FA 7) 3.5 mi. west of Dixon Ill. 2 (SBI 2) 1 mi. north of Grand Detour Ill. 75 (FA 188) 1 mi. east of intersection of US 51 with Ill. 75 at South Beloit On Ill. 89 (SBI 89) over Illinois River at Spring Valley		6 roadside rest stops	4,961.00 4,336.00 17,980.00 8,960.00 4,295.00
SBI 5			Henry				
FA 7			JoDavless				
SBI 2			Lee				
FA 188			Ogle				
			Winnebago				
SBI 89	1-E	DL-M-P	Bureau-Putnam			Bridge repair	14,467.50
SBI 150, 38, FA 5	Dist. 8 Patching '63-1	DL-M-P	Calhoun-St. Clair-Macoupin	On 13.94 mi. of Ill. 43 (SBI 150), Ill. 100 (SBI 38) and US 66 (FA 5)		2,495 sq. yds. PCC pavement patching	5,915.60 46,496.00
SBI 27	Dist. 2 Bridge Repair '63-2	DL-M-P	Carroll	Bridge on US 52 (SBI 27) over Straddle Creek west of Lanark		Bridge rehabilitation	10,021.00
SBI 27	Dist. 2 Historical Markers '63-1	DL-C-P	Carroll	Along the following 3 routes: US 52 and Ill. 64 (SBI 27) 1.2 mi. east of Savanna US 67 (SBI 85) 2 mi. south of Ill. 2 in Milan US 30 (SBI 6) 0.6 mi. east of Ill. 80 near Fulton		3 historical marker sites	4,487.00 3,181.25 2,931.75
SBI 85			Rock Island				
SBI 6			Whiteside				

TABLE 22.—Continued.
PART D.—Continued.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
FA 39	14HB-3I	DL-M-P	Champaign	Grade separation structure on Lincoln Ave. (FA 39) over FAI 74 in Champaign		Structure repair		1,350.00
SBI 10	Dist. 5 Metal Shoulders '63-2	DL-C-P	Champaign	Ill. 10 (SBI 10) from Champaign westerly		Gr. or cr. stone shoulders	2@3	26,000.00
SBI 47	137(B&C)I	DL-M-P	Champaign	On Ill. 47 (SBI 47) over Sangamon River about 0.5 mi. south of Mahomet	9.24	Bridge repair		3,990.00
Various	Dist. 5 Guardrail Reconstruction '63-1							
SBI 39	Dist. 5 Metal Shoulders '63-1	DL-C-P	Champaign-Douglas-Vermillion	At various locations along various routes		Road guard reconstruction		42,405.00
FA 12	AX-I	DL-C-P	Champaign-Piatt-DeWitt	US 150 (SBI 39) from Champaign-Piatt County line to McLean-DeWitt County line	12.46	Gr. or cr. stone shoulders	2@3	34,150.00
Various	Dist. 5 Roadside Rest Stops '63-1	DL-C-P	Clark	From US 40 (FA 12) to Weighing Station No. 21 east of Marshall		Approach pavement		1,960.00
			Clark-DeWitt-Edgar-Vermillion	At the following 6 locations: US 136, 1 mi. west of Ill.-Ind. State line. US 150, 0.6 mi. west of Ill.-Ind. State line. US 54, 0.25 mi. west of DeWitt Ill. 1, 1 mi. south of Georgetown US 36, 2.25 mi. east of Junction with Ill. 1 west of Chrisman Ill. 1, 8 mi. south of Marshall		6 roadside rest stops		5,545.50 6,095.50 5,635.00 7,414.00 5,681.00 7,360.00
US 150	Dist. 5 Historical Markers '63-1	DL-C-P	Clark	On US 150 and Ill. 1 about 2.4 mi. north of Chrisman		Historical marker site		2,980.00
US 40			Edgar	On US 40 about 1 mi. west of Ill.-Ind. State line		Historical marker site		5,080.00
SBI 12, 25, 130	6I, 11I, (10, 11)I, (124, 125, 126)I		Clay-Edwards-Richland-Wayne-Clinton	At various locations on SBI 12, 25 and 130 in Dist. 7		Drainage improvements		62,500.00
FA 150	3B-I	DL-M-P	Clinton	Bridge on Ill. 161 (FA 150) over Kaskaskia River west of Centralia		Bridge rehabilitation		44,520.00
FA 17	5IZ-I	DL-C-P	Coles	Montgomery Street (Ill. 16, FA 17) about 0.23 mi. east of west limit of Charleston		Conc. pavt. return rehabilitation		3,561.80
SBI 130	111B-I, (111B, C)I	DL-M-P	Coles	On Ill. 130 (SBI 130) about 3.50 mi. south of Charleston		2 bridge repairs		10,618.00
SBI 32, 132	Dist. 5 Concrete Headwall Removal '63-1	DL-C-P	Coles-Macon-Moultrie-Piatt-Shelby	At various locations along Ill. 32 (SBI 32) and Ill. 121 (SBI 132)		Removal of conc. headwalls to side-slope grade		13,531.00

DESIGN

TABLE 22.—Continued.
PART D.—Continued.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price	DESIGN
SBI 163	Dist. 7 Historical Markers '63-1	DL-C-P	Crawford	At the following seven (7) locations: Ill. 33 (SBI 163) 1.75 mi. west of Palestine US 460 (SBI 139) 4.5 mi. west of State line Ill. 1 (SBI 1) 3.25 mi. north of Mt. Carmel Ill. 15 (SBI 1) 4.25 mi. west of Mt. Carmel Ill. 33 (SBI 181) 3.5 mi. northwest of Vincennes, Indiana		7 historical marker sites		2,985.70 1,963.70 5,287.60 2,457.60	
SBI 12			Marion	US 50 (SBI 12) 8.5 mi. east of Salem				6,076.30	
SBI 142			Effingham	Ill. 37 (SBI 142) northeast edge of Mason				4,809.70	
SBI 71	Dist. 1 Roadside Rest Stops '63-1							4,494.40	
SBI 64		DL-C-P	DeKalb	Along the following 3 routes: US 30 (SBI 71) 0.25 mi. west of Hinekey Ill. 64 (SBI 64) 0.25 mi. west of Ill. 59 US 30 (SBI 22) 4 mi. east of New Lenox		3 roadside rest stops		3,804.80 6,178.00 7,132.15	
SBI 22			DuPage						
SBI 6	(CY&JY)-I	DL-C-P	DuPage	Roosevelt Road (US 30A—SBI 6) at intersection with Butterfield Road at Elmhurst	0.14	Bit. Conc. widening & resurf.	10, Var.	8,277.00	
SBI 64, FA 131	130-I-2, 59-I	DL-C-P	DuPage	South frontage road of Ill. 64 (SBI 64) from about 0.19 mi. east of Ill. 59 easterly North frontage road of Ill. 55 (FA 131) from 0.04 mi. east of Ill. 59 easterly					
Various	Dist. 1 Road Guard '63-1	DL-C-P	DuPage-Kane-Will	Along various routes and locations	1.74	Road guard constr.		30,930.00	
SBI 9	17-I	DL-C-P	Ford	Bridge on Ill. 9 (SBI 9) about 3 mi. west of Paxton	0.09	Bit. cover & seal coat	12, 18	6,466.00	
SBI 9	21-B-I	DL-C-P	Ford	Bridge on Ill. 9 (SBI 9) about 16.5 mi. west of Gib- son City	0.27	Bit. cover & seal coat	12, 18	7,600.35	
SBI 47	127BR	DL-C-P	Ford	Bridge on Ill. 47 (SBI 47) over Drummer Creek at Gibson City		Handrail modification		1,781.00	
SBI 37	11-B-1-I	DL-M-P	Franklin	Bridge on Ill. 37 (SBI 37) over Middle Fork of Big Muddy River about 1.25 mi. north of intersection with Ill. 149		Bridge rehabilitation		33,743.10	
SBI 148	(126, 127)I	DL-M-P	Franklin	Ill. 148 (SBI 148) between Zeigler and Sesser		Bridge rehabilitation		13,040.10	
SBI 149	107I			Ill. 149 (SBI 149) between West Frankfort and Thompsonville		2,010 sq. yds. PCC pavement patching		49,123.00	
SBI 149	105B & C-I	DL-M-P	Franklin	Bridge on Ill. 149 (SBI 149) over Big Muddy River about 2 mi. east of Ziegler		Bridge repair		18,257.20	
SBI 78	138BC-I	DL-M-P	Fulton	Bridge on Ill. 78 (SBI 78) over Spoon River about 1.75 mi. northwest of Havana		Bridge rehabilitation		6,286.00	
SBI 78	138BC-I-1	DL-M-P	Fulton	Bridge on Ill. 78 (SBI 78) over Spoon River Over- flow about 1 mi. north of intersection with US 136		Bridge repair		6,022.00	
SBI 96	Dist. 4 Historical Markers '63-1			Along the following 2 routes: Ill. 96 (SBI 96) about 4 mi. east of Nauvoo		Historical marker site		6,778.10	
SBI 9		DL-C-P	Hancock	At intersection of Ill. 96 (SBI 9) with US 136 in Hamilton		Historical marker site		2,969.70	

				DESIGN			
SBI 176	146BR-I	DL-C-P	McHenry	Ill. 176 (SBI 176) frontage road from southwest of Burtons Bridge northeasterly	0.14	Bituminous resurfacing	8,739.00
SBI 8	Dist. 4 Roadside Rest Stops '63-2	DL-C-P	Henderson	US 34 (SBI 8) about 4.5 mi. east of Gulfport		Roadside rest stop	9,331.30
SBI 94A	Dist. 4 Roadside Rest Stops '63-1	DL-C-P	Henderson	At the following 4 locations: Ill. 164 (SBI 94A) 2 mi. south of Oquawka		Roadside rest stops	16,863.50
SBI 8			Knox	US 150 (SBI 8) 1 mi. east of Knoxville			5,794.25
SBI 96			Hancock	Ill. 96 (SBI 96) south edge of Nauvoo			4,807.25
SBI 36				Ill. 94 (SBI 36) 3 mi. south of Carthage			9,011.75
SBI 97, 3, 138, 139	Dist. 4 Patching '63-1	DL-M-P	Henderson-McDonough-Warren	On 20.96 mi. of Ill. 116 and on US 67 (SBI 97, 3: 138, 139) south and west of Roseville		664 sq. yds. PCC pavement patching	13,116.00
SBI 1	I-15d-1	DL-M-P	Iroquois	At structure on Ill. 1 (SBI 1) about 0.8 mi. north of Papineau Road		Expansion joint repair	2,177.50
SBI 25	37RS-I	DL-C-P	Iroquois	US 45 (SBI 25) south of intersection with Ill. 116		Metal pipe culvert	2,044.20
SBI 1, 44, 17, 89-B	Dist. 3 Bituminous Undersealing '63-1	DL-M-P	Iroquois-Kankakee-LaSalle	Ill. 1 (SBI 1) from south edge of Milford to junction with SA 10	4.30		
				US 45 (SBI 44) from Bourbonnais north to Will County line	9.20		
SBI 144	101B, C-I	DL-M-P	Jackson	Ill. 18 (SBI 77, 89B) from Streator to junction with US 51	11.00	Bit. undersealing of pavt.	67,200.00
SBI 2	Dist. 9 Roadside Rest Stops '63-1	DL-C-P	Jackson	On Ill. 144, 149 (SBI 144) over Big Kinkaid Creek about 6 mi. west of Murphysboro		Bridge repair	3,882.40
SBI 150			Randolph	US 51 (SBI 2) 10 mi. north of Carbondale			6,928.00
SBI 146			Union	Ill. 150 (SBI 150) 3 mi. northeast of Chester		4 roadside rest stops	15,644.10
FA 14			Williamson	Ill. 146 (SBI 146) 8 mi. east of Anna			8,265.95
SBI 1	38E-I	DL-M-P	Johnson	Ill. 13 (FA 14) 5 mi. east of Carbondale		Bridge repair	8,750.05
Various	Dist. 9 Guard Fence Replacement '63-1	DL-C-P	Johnson-Perry-Pope-Saline-Williamson	On US 45 (SBI 1) over Dutchman's Creek about 1.5 mi. south of Vienna			2,542.40
SBI 72	Dist. 10 Roadside Rest Stops '63-1	DL-C-P	Kane	Along various routes at various locations in District 9	0.99	Roadguard reconstruction	23,338.00
SBI 17	21-I	DL-C-P	Kankakee	Higgins Road (SBI 72-Ill. 72) about 0.28 mi. west of Cook-Kane County line		Roadside rest stop	8,370.00
SBI 113S	Dist. 3 Bituminous Seal Coat '63-2	DL-C-P	Kankakee	On Ill. 17 (SBI 17) over Kankakee River in Kankakee		Bridge sidewalk modification	7,750.00
SBI 49	Dist. 3 Roadside Rest Stops '63-1	DL-C-P	Kankakee	Ill. 113 (SBI 113S) from Kankakee to Will County line	10.16	Bituminous seal coat	7,911.00
SBI 23			LaSalle	At the following 3 locations: US 54 (SBI 49) about 3.8 mi. north of Bradley		3 roadside rest stops	7,422.00
SBI 9			McLean	At intersection of US 52 with Ill. 23 (SBI 23) 8 mi. north of Ottawa			7,873.00
				Ill. 9 (SBI 9) about 7.5 mi. west of Gibson City			4,170.00

TABLE 22.—Continued.
PART D.—Continued.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
SBI 69	Dist. 3 Bituminous Seal Coat '63-4	DL-C-P	Kendall	On Ill. 71 (SBI 69) north of Lisbon	0.30	Bituminous seal coat		777.00
SBI 18	Dist. 1 Historical Markers '63-1	DL-C-P	Kendall	Along the following 5 routes: US 34 (SBI 18) 0.13 mi. east of Little Rock Creek.				4,062.68
FA 58			Lake	US 45 (FA 58) 0.15 mi. south of Wisconsin State line				3,546.73
FA 2			McHenry	US 41 (FA 2) 1 mi. south of Wisconsin State line.				4,807.53
SBI 23				US 14 (SBI 23) 0.23 mi. south of Wisconsin State line				2,379.72
SBI 61				US 12 (SBI 61) 0.57 mi. south of Wisconsin State line				2,379.72
SBI 22, 42	20 & Y (I) & E-RS, M-RS & D-RS (I-1)	DL-C-P	Lake	Along Ill. 22 (SBI 22) from Ill. 83 easterly to Western Ave. in Highland and Ill. 42 (SBI 42) from Wis- consin State line southerly to Greenwood Ave. in Waukegan				
SBI 42	E-I	DL-C-P	Lake	On Ill. 42 (SBI 42—Sheridan Road) at Winthrop Harbor	16.51	Shoulder rehabilitation	Var.	53,919.35
SBI 60	SY-1-I	DL-C-P	Lake	At intersection of US 12 (SBI 60) with Ill. 22 near Lake Zurich and southerly on US 12		Pedestrian bridge		3,681.40
FA 19	17-B-I	DL-M-P	LaSalle	Bridge on US 34 (FA 19) over Little Indian Creek east of Leland	0.26	Intersection improvements		27,155.10
SBI 2	K-VB-I	DL-M-P	LaSalle	Structure on US 51 (SBI 2) over IC RR south of LaSalle		Bridge repair		7,496.65
SBI 2	69-I	DL-C-P	LaSalle	Bridge on US 51 (SBI 2) in Tonica		Hwy. gr. sep. struct. rehabili- tation		6,762.00
SBI 2	70V-1B-I	DL-M-P	LaSalle	Structure on US 51 (SBI 2) over IC RR at Oglesby		Handrail modification		1,723.00
SBI 70	111VC-I	DL-M-P	LaSalle	Structure on Ill. 170 (SBI 170) over AT&SF Ry near Ransom		Sidewalk rehabilitation		5,314.50
SBI 12	1(B, C) I-3	DL-M-P	Lawrence	Bridge on US 50 (SBI 12) over Embarrass River east of Lawrenceville		RR gr. sep. struct. repair		5,829.00
SBI 2	Dist. 2 Bridge Repair '63-7	DL-C-P	Lee	Bridge on US 52 (SBI 2) over Bureau Creek about 2.9 mi. south of Sublette		Deck rehabilitation		27,279.90
FA 5	11X-1B-I	DL-C-P	Livingston	Bridge on US 66 (FA 5) over Big Vermilion River near Pontiac		Handrail modified		6,979.00
SBI 47	Dist. 3 Joint Cut- ting '63-1	DL-C-P	Livingston	Ill. 47 (SBI 47) between Dwight and Ford County line		Bridge repair		8,823.60
FA 5	23X 1-B-I	DL-M-P	Logan	Bridge on US 66 (FA 5) over Salt Creek south of Lincoln		Pavement joint cutting		3,744.00
						Bridge rehabilitation		39,082.70

DESIGN

				DESIGN			
FA 5	Dist. 6 Roadside Rest Stops '63-1	DL-C-P	Logan	East service road of US 66 (FA 5) near north limit of Elkhart			4,267.50
SBI 104			Morgan	At Junction Ill. 104 (SBI 104) with Ill. 100, 3 mi. east of Meredosia	4 roadside rest stops		7,603.25
SBI 31			Adams	At intersection of Ill. 96 (SBI 31) with US 24 north of Quincy			11,636.00
SBI 106			Pike	US 36 (SBI 106) 3 mi. east of Hannibal Bridge			4,414.50
SBI 119A	118B-C-I	DL-M-P	Logan	Bridge on US 136 (SBI 119A) over Sugar Creek south-east of Armington	Bridge rehabilitation		11,638.50
SBI 120	101B	DL-M-P	Logan	Bridge on Ill. 10 (SBI 20) over Prairie Creek about 1 mi. west of New Holland	Partial deck replacement		3,319.25
SBI 119A	118B-I	DL-M-P	Logan-Tazewell	Bridge on Armington Spur Road (SBI 119A) over Sugar Creek south of Armington	Bridge rehabilitation		2,265.50
SBI 10	(12, 12RS)I-1	DL-M-P	Macon	Bridge on Ill. 105 (SBI 10) over Lake Decatur at Decatur	Bridge repair		3,276.00
SBI 48	130B-I	DL-M-P	Macon	Bridge on Ill. 48 (SBI 48) over Stevens Creek in Decatur	Bridge rehabilitation		14,939.00
SBI 121	135B-I	DL-C-P	Macon	Bridge on Ill. 121 (SBI 121) over Stevens Creek north of Decatur	Handrails modified		6,826.80
SBI 108	Dist. 8 Roadside Rest Stops '63-1	DL-C-P	Macoupin	At the following 3 locations: Ill. 108 (SBI 108) about 1.75 mi. west of Carlinville			4,585.50
SBI 110				Ill. 16 (SBI 110) at east limit of Shipman	3 roadside rest stops		6,044.00
SBI 3			Monroe	Ill. 3 (SBI 3) about 0.32 mi. south of St. Clair-Monroe County line			7,785.50
FA 132	5-VB-I	DL-M-P	Madison	Railroad grade separation structure on Ill. 111 (FA 132) over NYC RR about 4 mi. south of Roxana	Structure rehabilitation		19,620.15
SBI 3	100-D-1	DL-M-P	Madison	Bridge on US 67 (SBI 3) over Mississippi River at Alton	Bridge deck patching		8,145.00
SBI 150	110B-I	DL-C-P	Madison	On Ill. 43 (SBI 150) over branch of Silver Creek about 0.7 mi. north of intersection with US 40	Bridge repair		9,617.25
SBI 157	118-II-I	DL-C-P	Madison	Grade separation structure on Ill. 157 (SBI 157) over City US 40 southwest of Collinsville	Structure handrails modified		15,164.00
Various	Dist. 8 Headwall Removal '63-1	DL-C-P	Madison-Monroe-St. Clair-Jersey-Macoupin-Randolph	Along various routes and locations throughout Dist. 8	Culv. headwalls removed to sideslope grade		13,904.00
Various	Dist. 8 Historical Markers '63-1	DL-C-P	Madison	Bypass US 66 and 40 between Chain-of-Rocks Bridge and Alt. US 67			9,019.75
				Ill. 111 (SBI 111) about 1 mi. north of entrance to Humbert Street Road and 1.6 mi. north of intersection with Alt. US 67	5 historical marker sites		4,906.00
			St. Clair	US 460 (FA 14) near Belleville			4,006.50
				US 50 (SBI 12) 0.36 mi. southeast of intersection with Ill. 111			2,984.75
SBI 116A	102B-I	DL-C-P	Marshall	FA 14 (US 460) 3.2 mi. east of Freeburg			2,592.50
SBI 99	105C-I	DL-M-P	McDonough	Bridge on Ill. 116A (SBI 116A) over Crow Creek 4 mi. south of Toluca	Bridge repair		17,272.00
				Bridge on Ill. 61 (SBI 99) over Lamoine River south of Colmar	Bridge rehabilitation		28,049.30

TABLE 22.—Continued.
PART D.—Continued.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
SBI 104	Dist. 6 Patching '63-1	DL-M-P	Morgan	On 8.1 mi. of Ill. 104 (SBI 104) from Meredosia south- easterly		2,617 sq. yds. PCC pavement patching		60,436.00
SBI 72	Dist. 2 Concrete Patching '63-1	DL-M-P	Ogle	On 4.4 mi. of Ill. 72 (SBI 72) from Forreston easterly		1,671 sq. yds. PCC pavement patching		34,002.00
SBI 72	Dist. 2 Concrete Patching '63-2	DL-M-P	Ogle	On 4.9 mi. of Ill. 72 (SBI 72) from Stillman Valley easterly		864 sq. yds. PCC pavement patching		16,780.00
SBI 87	Dist. 2 Bituminous Seal Coat '63-2	DL-C-P	Ogle-Whiteside	SBI 87 from Alt. US 30 east of Sterling northerly and easterly to Ill. 26	12.53	Bituminous seal coat	22	20,055.00
SBI 9	48ZVD-I	DL-C-P	Peoria	Structure on Adams Street (US 24—SBI 9) over CB&Q and M&St.L RRs, in Peoria		RR gr. sep. struct. repair		36,649.90
FA 135	74-69I	DL-C-P	Piatt	Ill. 47 (FA 135) on relocated portion north of Montl- cello	0.11	Concrete gutter		4,260.00
SBI 32	Dist. 5 PCC Patching '63-1	DL-M-P	Piatt	On Ill. 32 (SBI 32) in Piatt County (For balance of contract see secondary portion of Part D—CHI 12—Champaign County)		718 sq. yds. PCC pavement patching		14,331.00
SBI 120	115B-I	DL-C-P	Piatt	Two bridges on Ill. 10 (SBI 120) at east edge of De- land and 0.5 mi. east of Lodge		Handrail modification		8,044.00
SBI 120	115B-I-1	DL-M-P	Piatt	On Ill. 10 (SBI 120) over Sangamon River about 6 mi. east of Lodge		Bridge repair		8,060.00
SBI 34	7B-I-1	DL-C-P	Pope	On Ill. 146 (SBI 34) over Lusk Creek at north limit of Golconda		Temporary bridge		88,002.00
SBI 146	112A-3	DL-C-P	Pope	Ill. 146 (SBI 146) from 1.25 mi. west of Golconda westerly	0.29	Paved ditches		20,063.50
SA 5	8-B-NRS	DL-C-P	Pulaski	On Perks Road (SA 5) between Int. 57 and US 51		Bridge-floor replacement		6,042.15
SBI 29	CB-I	DL-C-P	Putnam	Bridge on Ill. 29 (SBI 29) over Senachwine Creek north of Putnam		Bridge deck modified		11,245.50
SBI 3	17B-I	DL-M-P	Rock Island	Bridge on US 67 (SBI 3) over North Channel Rock River south of Rock Island		Bridge deck repair		25,242.40
FA 153	11-I	DL-M-P	Schuyler	Ill. 99 (FA 153) from south of Camden northerly	5.50	Bit. seal coat	20	40,698.10
SBI 3	85B-I	DL-C-P	Schuyler	Overflow bridge on old US 67 (SBI 3) over borrow pits north of Beardstown		Bridge repair		21,161.25
SBI 16	11B-C	DL-M-P	Shelby	Bridge on Ill. 16 (SBI 16) over Kaskaskia River east of Shelbyville		Damaged-bridge repair		1,371.60
SBI 16	Dist. 5 Grading and Drainage '63-1	DL-M-P	Shelby-Moultrie	Along Ill. 16 (SBI 16) between Windsor and Shelby- Moultrie County line	6.00	Drainage grading		22,713.75
SBI 128	101B-I	DL-M-P	Shelby	On Ill. 128 (SBI 128) over Robinson Creek about 6 mi. southwest of Shelbyville		Bridge repair		3,616.60
SBI 93	106B-C-I	DL-M-P	Stark	Bridge on Ill. 93 (SBI 93) over West Fork of Spoon River about 6.5 mi. west of Bradford		Bridge deck rehabilitation		6,103.45

				DESIGN			
SBI 93	106BC-I-1	DL-M-P	Stark	Bridge on Ill. 93 (SBI 93) over East Fork of Spoon River about 2.3 miles west of Bradford		Bridge deck repair	6,860.85
FA 14	28-1B-I	DL-M-P	St. Clair	Bridge on US 460 (FA 14) over Harding Drainage Ditch at Centreville		Bridge repair	16,971.90
FA 14	28-1VB-I	DL-M-P	St. Clair	Railroad grade separation structure on US 460 (FA 14) over IC and Southern RR west of Belleville		Railroad structure rehabilitated	20,238.90
SBI 126, 161	Dist. 8 Bituminous Resurfacing '63-1	DL-M-P	St. Clair-Montgomery	At three (3) locations on US 66 and Ill. 161 (SBI 126 and 161)	0.46	Bit. conc. resurfacing I-11 100 sq. yds. PCC pavement patching	27,498.00
State-Wide	Miscellaneous Repairs '63-1	DL-M-P	Various	At various locations on various routes throughout the State		General minor hwy. repairs	2,850.00
Various	Dist. 2 Joint Cutting '63-1	DL-C-P	Various	On various routes at various bridges throughout District 2		Pavement joint cutting	10,000.00
FA 5, SBI 17, 114, US 150	Dist. 3 Crushed Stone Shoulders '63-1	DL-M-P	Various	US 66 (FA 5) from Gardner to Dwight Ill. 17 (SBI 17) from Dwight to Ill. 170 Ill. 114 (SBI 114) from east edge of Monence to Indiana State line US 150 (SBI 39) from 2 mi. southeast of US 66 south-easterly	5.30 12.00 6.90 5.20	Gr. or cr. stone shoulders	51,315.00
Various	Dist. 3 Guard Fence Replacement '63-1	DL-C-P	Various	At various locations along various routes throughout District 3	1.71	Road guard reconstruction	29,295.50
Various	Dist. 3 Headwall Removal '63-1, 2, 3, 4, 5, 6	DL-C-P	Various	Along Ill. 47 between Dwight and Ill. 16 and Dwight and Ill. 71; Ill. 17 between Grant Park and Indiana State line; Ill. 49 between Ill. 116 and FAI 57; Ill. 116 between Sheldon and US 24; and US 52 between Bourbonnais and Will-Kankakee County line		Culv. headwalls removed to sideslope grade	12,227.25
Various	Dist. 4 Headwall Removal '63-1	DL-C-P	Various	At various locations along various routes throughout District 4		Culv. headwalls removed to sideslope grade	12,000.00
SBI 1, FA 12	Dist. 5 Bituminous Seal Coat '63-1	DL-C-P	Various	At various locations on Ill. 1 and FA 12 (SBI 1—FA 12) in District 5 (For balance of contract see secondary portion of Part D)	6.59	Bituminous seal coat	16,312.00
Various	Dist. 5 Expansion Joint Cutting '63-1	DL-C-P	Various	On various routes throughout District 5		2,426 lin. ft. pavement joint cutting	16,982.00

TABLE 22.—Continued.
PART D.—Continued.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
SBI 1, 49	Dist. 5 Safety-Walk Replacement '63-1	DL-C-P	Vermilion	On three (3) bridges at the following locations: Ill. 1 (SBI 1) 4.5 mi. north of Danville and 2.5 mi. south of Rossville, and on Ill. 49 (SBI 49) near Ellis		3 safety walks reconstructed		12,761.60
Various	Dist. 6 Joint Cutting '63-1	DL-C-P	Various	At various bridges on various routes throughout Dis- trict 6		Pavement joint cutting		15,090.00
FA 12, SBI 33, 128, 140	Dist. 7 Bituminous Undersealing '63-1	DL-M-P	Various	At various locations on FA 12, SBI 33, 123 and 140 in District 7	3.00	Bit. undersealing of pavement		12,600.00
Various	Dist. 7 Joint Con- struction '63-1	DL-C-P	Various	At various bridges on various routes throughout Dis- trict 7		Cutting & filling expansion joints		6,916.00
Various	Dist. 8 Guardrail '63-1	DL-C-P	Various	Along various routes throughout District 8		Road guard reconstruction		56,214.00
Various	Dist. 9 Headwall Removal '63-1	DL-C-P	Various	At various locations on various routes throughout District 9		Culv. headwalls removed to sideslope grade		19,800.00
SBI 1 Spur	26-I	DL-C-P	Vermilion	Bridge on Ill. 1 (SBI 1 Spur) over Little Vermilion River about 0.5 mi. south of Georgetown		Bridge rails modified		13,362.00
FA 16	A-I-1	DL-M-P	Wabash	On Ill. 15 (FA 16) over Wabash River at Mt. Carmel		Bridge repair		3,607.50
SBI 140	105B, C-I	DL-M-P	White	On US 45 (SBI 140) over Skillet Fork Creek south of Mill Shoals		Bridge repair		9,244.30
FA 7	17R-1VB-I	DL-C-P	Whiteside	At railroad grade separation structure on US 30 (FA 7) over C&NW Ry about 4 mi. west of Morrison	0.42	Road guard constr.		12,800.00
SBI 80	Dist. 2 Cable Road Guard '63-1	DL-C-P	Whiteside	Along Ill. 80 (SBI 80) southwest of Albany	1.46	Road guard construction		35,000.00
SBI 86	Dist. 2 Bridge Repair '63-8	DL-M-P	Whiteside	Bridge on Ill. 2 (SBI 86) over Elkhorn Creek west of Como		Bridge repair		1,434.50
SBI 1	10-I	DL-M-P	Will	On Alt. Ill. 1 (SBI 1) over Goose Creek in Crete		Bridge repair		1,120.00
SBI 22	13DR	DL-M-P	Will	Railroad grade separation structure on US 30 (SBI 22) over EJ&E Ry east of Joliet		Expansion device modified		2,545.60
SBI 148	129B, C-I	DL-M-P	Williamson	On Ill. 148 (SBI 148) over Pond Creek about 1 mi. south of Williamson-Franklin County line		Bridge repair		3,401.60
SBI 9	4-B-I-1	DL-C-P	Woodford	Bridge on US 150 (SBI 9) over Mackinaw River about 2 mi. east of Goodfield		Bridge repair		13,790.40
FA 188	Dist. 2 Bridge Repair '63-3	DL-M-P	Winnebago	At south end of highway grade separation structure on US 51 (FA 188) over Spring Creek Road in Rockford		Expansion joint constr.		1,040.00

DESIGN

FA 179-----	Dist. 2 Bridge Repair '63-4-----	DL-M-P-----	Winnebago-----	Railroad grade separation structure on FA 179 over CB&Q RR west of New Milford-----	RR gr. sep. struct. repair-----	1,201.00
Total State day labor construction contracts awarded on primary highways (excluding Federal-aid interstate contracts)-----						
Total State day labor maintenance contracts awarded on primary highways (excluding Federal-aid interstate contracts)-----						
\$1,603,470.89						
1,241,677.00						

Total State day labor contracts awarded on primary highways (excluding Federal-aid interstate contracts)-----						
\$2,845,147.89						

STATE DAY LABOR CONTRACTS AWARDED ON SECONDARY ROADS

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
CH 12-----	Dist. 5 PCC Patching-----	DL-M-S-----	Champaign-----	On SA 12, 12A (CH 12) in Champaign County. (For balance of contract see primary portion of Part D—SBI 32—Piatt County)	-----	671 sq. yds. PCC pavement patching-----	-----	\$ 12,729.00
SA 18-----	142 SDC-----	DL-C-S-----	Cook-----	Bridge on Willow Springs Road (SA 18) over Ship and Sanitary Canal in Willow Springs	-----	Bridge rehabilitation-----	-----	8,240.00
SA 20-----	020-0505-I-----	DL-M-S-----	Cook-----	On 25th Ave. (SA 20) over Salt Creek north of La- Grange Park-----	-----	Bridge approach slab repair-----	-----	9,164.20
SA 031-----	0505.2-I-----	DL-M-S-----	Cook-----	Bridge on First Ave. (SA 031) over Silver Creek east of Melrose Park-----	-----	Deck and handrail repair-----	-----	3,342.00
SA 48-----	0202-15d-I-----	DL-M-S-----	Cook-----	Bridge on Lincoln Ave. (SA 48) over North Shore Channel-----	-----	Bridge repair-----	-----	18,685.00
SA 105-----	1717-I-----	DL-M-S-----	Cook-----	On Dundee Road (SA 105) over Des Plaines River at Wheeling-----	-----	Bridge sidewalk reconstr.-----	-----	4,895.00
SA 119-----	0810-Y-1-I-----	DL-M-S-----	Cook-----	Structure on Willow Springs Road (SA 119) over Tri- State Tollway north of Willow Springs-----	-----	Hwy. gr. sep. struct. repair-----	-----	12,542.00
SA 128-----	0808-I-----	DL-M-S-----	Cook-----	Bridge on Oakton Street (SA 128) over Des Plaines River in Des Plaines-----	-----	Safety walk repair-----	-----	5,287.00
CH 7-----	0-I-----	DL-M-S-----	DuPage-----	On St. Charles Road (CH 7) over Salt Creek in Elm- hurst-----	-----	Bridge repair-----	-----	7,837.20
SA 16-----	8-15d-I-----	DL-C-S-----	Grundy-----	Bridge on SA 16 over East Fork of Mazon River in South Wilmington-----	-----	Bridge rehabilitation-----	-----	14,595.30
FAS 231, 1225-----	Dist. 2 Bituminous Seal Coat '63-1-----	DL-C-S-----	Henry-----	FAS 231 and 1225 from north edge of Geneseo north- erly to Ill. 92-----	9.42	Bituminous seal coat-----	10, 20	8,867.00
FAS 332-----	28-I-----	DL-C-S-----	Iroquois-----	Under FAS 332 near west limit of Danforth-----	-----	RC box culv. extension-----	-----	4,755.75
CH 4-----	47, 57-----	DL-M-S-----	Iroquois-----	On County Highway 4 over Iroquois River about 6.5 mi. east of Clifton-----	-----	Bridge repair-----	-----	1,950.00
CH 9-----	P2-I-----	DL-C-S-----	Lake-----	Bridge on Ill. 176 (CH 9) over Des Plaines River at Libertyville-----	-----	Bridge modification-----	-----	20,093.90
FAS 256-----	1-D-I-----	DL-C-S-----	LaSalle-----	Bridge on FAS 256 over Illinois River at Utica-----	-----	Construction of permanent ladders-----	-----	936.00
SA 9-----	Dist. 3 Bituminous Seal Coat '63-3-----	DL-C-S-----	Livingston-----	SA 9 from Ford-Livingston County line northerly-----	4.43	Bituminous seal coat-----	-----	11,115.00

TABLE 22.—Continued.
PART D.—Concluded.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
SA 3A	52-V-15d-I	DL-M-S	Madison	Railroad grade separation structure on New Douglas Road (SA 3A) over IC RR about 1.40 mi. east of Livingston		Railroad gr. sep. struct. repair		22,605.05
CH 6	B-I	DL-C-S	Piatt	On SA 6 (CH 6) about 1 mi. southwest of Monticello		Bridge repair		3,158.00
CH 21	21MFT A&B	DL-C-S	Rock Island	Coaltown Road (CH 21) from 200 feet west to about 655 feet east of US 150 south of Moline	0.16	Gr. or cr. stone base widening with full width bit. conc. surf.		14,933.00
SB 878	Governor's Mansion Driveway Resurfacing State Day Labor Storage Yard '63-1	DL-C-S DL-State-M	Sangamon	Governor's Mansion driveway in Springfield	0.20	Colorphalt surfacing		8,450.00
SA 6, 8, 8A	Dist. 5 Bituminous Seal Coat '63-1	DL-C-S	Sangamon	Day Labor storage yard 700 North Lincoln Ave. in Springfield		Gr. or cr. stone base with bit. surf. treat. A-3	Var.	20,000.00
CH 10, 11	Dist. 5 Culvert Replacement '63-1	DL-C-S	Various	At various locations on SA 6, 8 and 8A in District 5 (For balance of contract see primary portion of Part D)	5.20	Bituminous seal coat		13,537.35
CH 26	P-15d-I	DL-C-S	Vernillion	Under County Highway 10 and 11, 0.70 mi. west of Collision and 0.25 mi. north of intesection with County Highway 21, respectively		2 RC box culverts replaced		7,420.00
SA 9	20F-d-I	DL-M-S	Vermillion	Bridge on County Highway 26 over Little Vermilion River about 0.5 mi. east of Georgetown		Bridge handrails modified		13,978.00
			Williamson	Bridge on SA 9 over Big Muddy River at Blairsville		Bridge rehabilitation		18,489.30
DESIGN								
Total State day labor construction contracts awarded on secondary roads								
Total State day labor maintenance contracts awarded on secondary roads								
Total State day labor construction—miscellaneous improvement								
Total State day labor contracts awarded on secondary roads								
Total, Part D								
\$3,224,257.69								

PART E.—CONTRACTS OBLIGATED AND AWARDED BY THE STATE FOR IMPROVEMENTS NOT LOCATED ON ANY OF THE HIGHWAY SYSTEMS LISTED IN PARTS A, B, C, OR D.

Route ¹	Section	Class ²	County	Location	Length in Miles	Type of Work ³	Width in Feet	Contract Price
FAI 90	Dist. 10 Landscaping '63-4	State M	Cook	Maintenance site of Congress Street Expressway (FAI 90) at Flournoy Street and Laramie Ave. in Chicago		Landscaping		\$ 6,567.60

				DESIGN			
FAI 94	Dist. 10 Landscap- ing '63-5	State M.	Cook	Maintenance site of Northwest Expressway (FAI 94) near Central Ave. in Chicago	Landscaping		12,604.00
Arterial Street 8	46V, VB	State M.	Cook	On Division Street (Arterial 8) over Calumet Sag Channel between Canal and Grove Streets in Blue Island	Fixed thru truss channel span, tower and approach spans for bridge		454,129.45
	Dist. 1 Storage Area Resurfacing '63-2	State M.	DuPage	Maintenance storage yard of Illinois Division of High- ways at Naperville	Base repair and bit. conc. resurf. I-11		5,825.40
SB 275	4	State M.	Jackson	Lake Murphysboro service road west of Murphysboro	Gr. or cr. stone base course with bit. surf. treat. A-3	20, 16	150,720.78
HB 157	Dist. 1 Bituminous Surface Treat- ment '63-1	State M.	Kendall	Bristol Game Farm Road from intersection with US 34 southerly at Yorkville	Bit. surf. treat. A-1, A-2	18	2,664.52
SB 275	1	State M.	Lake	Illinois Beach State Park Road in Illinois Beach State Park	Soil-cement base with bit. conc. surf.	26, 24	231,508.51
	Recreation Area Re- surfacing '63	State M.	LaSalle	Recreational area at Sheridan Industrial School for Boys	Bituminous resurfacing		10,951.50
SB 275	1	State M.	McHenry	West McHenry Dam Road from intersection with Barreville Road easterly	Gr. or cr. stone base with bit. surf. treat. A-3	22, 18	39,179.79
SBI 88	Dist. 4 Headquar- ters '63-1	State M.	Peoria	At District 4 Headquarters on Mt. Hawley Road about 1 mi. northwest of Peoria Heights	Constr. of parking facilities		11,615.30
Various	Dist. 4 Cinder Haul ing '63-1	State M.	Various	Various storage areas and sites at various locations in District 4	Cinder hauling		15,177.50
	Dist. 4 Maintenance Yard Surfacing '63-1	State M.	Warren	State Division of Highways maintenance yard at Monmouth	Bit. conc. surf. B-5		20,918.12
FAI 55	Dist. 1 Storage Area Resurfacing '63-1	State M.	Will	Maintenance storage yard of Illinois Division of High- ways on FAI 55 at Birds	Base repair, bit. conc. surf. I-11 and drainage improve- ments		19,418.28
	Dist. 1 Storage Area Resurfacing '63-3	State M.	Will	Maintenance storage yard near US 66 about 1.75 mi. northeast of Romeoville	Base repair and bit. conc. surf. I-11		8,551.35
Total nonhighway contracts awarded by the State in Part E (excluding nonhighway day labor contracts)							\$989,832.10
Total, Part A							\$163,791,565.75
Total, Part B							32,588,866.96
Total, Part C							3,729,583.91
Total, Part D							3,224,257.69
Total, Part E							989,832.10
Total, Parts A, B, C, D and E							\$204,324,106.41
Total FAS contracts, Local Roads and Streets							18,649,064.68
Total of all State highway contracts awarded by the State, Cook County, and the City of Chicago during 1963							\$222,973,171.09

RECAPITULATION OF CONTRACTS AWARDED FOR STATE HIGHWAYS IN 1963.

Awarded by	Highway System			Total
	Interstate	Primary	Secondary	
State of Illinois				
Regular construction, Part A	\$113,734,577.14	\$36,122,029.75	\$ 2,828,472.70	\$152,685,079.59
Rehabilitation, Part B—Rural	397,117.55	16,928,199.98	1,905,546.20	19,230,863.73
Rehabilitation, Part B—Urban	203,444.28	11,474,919.54	1,679,639.41	13,358,003.23
Maintenance, Part C	710,525.86	2,850,454.28	168,603.77	3,729,583.91
Day Labor, Part D—Construction	63,128.25	1,603,470.89	150,079.30	1,816,678.44
Day Labor, Part D—Maintenance	48,376.50	1,241,677.00	117,525.75	1,407,579.25
Subtotal	\$115,157,169.58	\$70,220,751.44	\$ 6,849,867.13	\$192,227,788.15
County of Cook				
Regular Construction, Part A	8,242,915.20	1,587,703.26	-----	9,830,618.46
City of Chicago				
Regular Construction, Part A	1,275,867.70	-----	-----	1,275,867.70
Summary of Parts A, B, C, and D				
FAS contracts, awarded by the State, listed in Local Roads and Streets, Table 56	\$124,675,952.48	\$71,808,454.70	\$ 6,849,867.13	\$203,334,274.31
Total State highway contracts awarded	-----	-----	18,649,064.68	18,649,064.68
Contracts awarded for maintenance yards, park drives, and miscellaneous items listed in Part E and not on any of the highway systems listed above	\$124,675,952.48	\$71,808,454.70	\$25,498,931.81	\$221,983,338.99
Total of 1963 contracts summarized in this section	-----	-----	-----	989,832.10
				\$222,973,171.09

DESIGN

PREFIXES, ABBREVIATIONS AND TERMS USED IN TABLE 22, PARTS, A, B, C, D, AND E.

- Note: Type of bituminous surfacing on projects listed in Part B is subclass I-11.
- b. Bituminous concrete material.

c. Portland cement concrete material.

f. Flexible type construction (gravel or crushed stone, bituminous concrete, etc.).

h. 1963 bituminous surfacing number in district.

i. Intermittent bituminous concrete surfacing (mileage is total length to be improved within location described).

p. Primary portion of contract only (Federal-aid secondary portion listed in Table 56, Local Roads and Streets).

s.c. Soil-cement composition.

t. An RC box culvert of one or more openings classed as a bridge (when the total openings, including the thickness of all inside walls, measured along the centerline of traveled way measures 20 feet or more).

w. Bridge or grade separation structure widened.

¹ HIGHWAY SYSTEMS

FAI.....	Federal-aid Interstate	FH.....	Forest Highway
SBI.....	State Bond Issue	AD.....	Defense Access Road
FA.....	Federal-aid Primary	CH.....	County Highway
SA.....	State-aid Secondary	BR.....	Business Route
FAS.....	Federal-aid Secondary	US.....	United States Route

² FUND DESIGNATION

Int.....	To be financed mostly on the basis of 90 per cent Federal and 10 per cent State funds for constructing and improving the National System of Interstate and Defense Highways.	State P.....	Improvements on primary highway system financed with State funds only.
Int. G.....	Railroad grade separation structures on interstate highway system financed 100 per cent with Federal-aid interstate railroad funds.	DL-C-P.....	Improvements constructed by State day labor forces on primary highway system financed with State day labor construction funds.
UI.....	Improvements on interstate highway system in urban area, financed with Federal and matching State or municipal funds.	DL-M-P.....	Improvements constructed by State day labor forces on primary highway system financed with State day labor maintenance funds.
EBI.....	Improvements on interstate highway system financed with Cook County expressway bond issue funds.	State-M.....	Improvements other than on State highways, financed with State funds only, as in Part E.
EACI.....	Cook County advanced construction on interstate system financed with Cook County expressway bond issue funds.	DL-C-M.....	Improvements other than on State highways financed with State day labor construction funds.
State I.....	Improvements on interstate highway system financed entirely with State funds.	FAS.....	Secondary road improvements financed with Federal-aid secondary and matching State and County funds.
DL-C-I.....	Improvements constructed by State day labor forces on interstate highway system financed with State day labor construction funds.	US.....	Urban secondary road improvements financed with Federal-aid funds.
DL-M-I.....	Improvements constructed by State day labor forces on interstate highway system financed with State day labor maintenance funds.	State S.....	Secondary road improvements financed with State funds only.
F.....	Improvements on primary highway system, financed with regular Federal-aid and matching State funds.	FH-S.....	Forest highway improvements on secondary roads financed with Federal-aid funds.
FG.....	Railroad-highway improvements on primary highway system financed with Federal-aid railroad funds.	AD.....	Improvements on Federal defense access roads financed with Federal defense access road funds.
U.....	Improvements on primary highway system in urban area financed with Federal-aid and matching State or municipal funds.	A-AD.....	Improvements on Army Federal defense access roads financed with Federal defense access road funds.
UG.....	Railroad-highway improvements on primary highway system in urban area financed with Federal-aid railroad funds.	DL-C-S.....	Improvements constructed by State day labor forces on secondary roads financed with State day labor construction funds.
		DL-M-S.....	Improvements constructed by State day labor forces on secondary roads financed with State day labor maintenance funds.

³ ABBREVIATIONS

POC.....	Portland cement concrete	RC box culv.....	Reinforced concrete box culvert
Pavt.....	Pavement	Comb.....	Combination
Bit. surf.....	Bituminous surface	Fur. & fab. strl. st. for hwy.	gr. sep. struct.....
Flex. shldrs.....	Flexible shoulders		Furnishing and fabricating structural steel for highway grade separation structure
Wdg.....	Widening	Excl. fur. of strl. st.....	Excluding furnishing of structural steel
Reconst.....	Reconstruction	Bit. surf. treat. on flex. base...	Bituminous surface treatment on flexible base
Rv.....	Railway		
Rt.....	Railroad		
Hwy.....	Highway		
Misc. impts.....	Miscellaneous improvements		

VI. CONSTRUCTION

1. GENERAL.—The Bureau of Construction has general supervision of all State highway contracts from the time contracts are awarded until construction work is completed and accepted. General construction policies and uniform practices are developed in cooperation with the district offices through field engineers of the Bureau who inspect active State construction projects at intervals during the construction season. Representatives of the Bureau of Construction serve on the Soils Committee, Detour Committee, Specifications Committee, Joint Cooperative Committee, Safety Committee and other committees which deal with problems that concern the Division of Highways.

The Bureau of Construction approves changes in plans involving contract quantities, checks and approves contractors' payment estimates, and audits and approves bills from municipalities, railroads, and utility companies for construction work performed under agreements with the State. Vouchers for Federal-aid reimbursement are prepared in the Bureau and statistical information relative to construction work is compiled. Contractors' prequalification ratings (as to experience and equipment) are computed in the Bureau of Construction. The Bureau operates core drilling equipment which is used to check the thickness of new portland cement concrete pavements and to obtain specimens for testing purposes.

2. DEVELOPMENT OF NEW METHODS.—In 1963 some new procedures and types of equipment were further developed.

On several portland cement paving projects the entire thickness of concrete was placed in one operation. Reinforcing steel then was laid on the surface of the fresh concrete by machine and depressed into the concrete to the required depth. This method of construction requires fewer men and machines than the usual two-lift procedure.

Continuously reinforced portland cement concrete pavement was constructed at several locations in 1963. This new development allows the use of thinner slabs and eliminates the usual contraction joints at 100-foot intervals.

Electronic leveling devices were used extensively on asphalt pavers in 1963 which resulted in greatly improved riding qualities of bituminous concrete pavements. Infra-red heaters attached to asphalt pavers provided better construction joints between adjacent lanes. Much of the bituminous concrete used on State contracts was manufactured in fully automatic plants completely controlled by electronic devices.

3. CONTRACT AND DAY LABOR WORK COMPLETED IN 1963.—Table 23 summarizes mileages and quantities of various types of work completed during 1963. The totals include maintenance contract work performed under the general supervision of the Bureau of Construction.

CONSTRUCTION

The State highway surfacing completed in 1963 included 87.12 miles of interstate highways, 616.65 miles of other primary highways, and 428.64 miles on the secondary system. Other work consisted of placing 1,288,496 square yards of intermittent bituminous resurfacing; grading 16.43 miles under separate contract; building 113 new bridges and rehabilitating 86 others; constructing 170 new grade separation structures and repairing 24; and miscellaneous work. The type and amount of State highway work completed during 1963 by the State, Cook County, and the City of Chicago are shown in Table 24.

Expenditures by the State for highway construction during 1963 are given in Tables 3 and 13 of this report. Projects under contract during the year are listed in Table 24 of this section. This list shows the type of work, the contractor, and status of work on each contract at the end of the year.

TABLE 23.—CONSTRUCTION COMPLETED DURING 1963.

CONSTRUCTION

Type of Construction	Unit	Construction on State Highways							Total
		Federal-aid Interstate			Other Primary			Secondary	
		State	City of Chicago	Cook County	State	City of Chicago	Cook County		
Surfaces:									
PCC pavement	Miles	83.73		0.78	44.19			15.40	144.10
PCC pavement widening	Miles				15.48				115.48
Bituminous concrete widening	Miles				17.84				117.84
PCC base course (two lanes or more)	Miles				13.75				113.75
Bituminous concrete surface on flexible base:									
Bituminous concrete, subclass I-11	Miles				22.21			11.12	33.33
Bituminous concrete, subclass B-5	Miles				7.99			61.21	69.20
Bituminous concrete surfacing on rigid pavement:									
Bituminous concrete, subclass I-11	Miles	2.61			479.20			10.77	2492.58
Bituminous surfacing and reconstruction of existing gravel or crushed-stone surface:									
Subclass A-1	Miles								3.84
Subclass A-2	Miles				3.84				3.13
Subclass A-3	Miles				3.13			75.54	75.54
Gravel or crushed-stone base and bituminous surface course:									
Subclass A-1	Miles							6.53	6.53
Subclass A-2	Miles							8.76	8.76
Subclass A-2, asphalt stabilized base	Miles							0.34	0.34
Subclass A-3	Miles							94.32	103.17
Subclass A-3, soil-cement base	Miles				8.85			13.80	13.80
Subclass B-3	Miles							13.68	13.68
Subclass B-3, soil-cement base	Miles							5.38	5.38
Subclass B-4	Miles								0.17
Gravel or crushed-stone surface:									
Type A	Miles							22.84	22.84
Type B	Miles							88.52	88.52
Gravel or crushed-stone, special	Miles							0.43	0.43
Total Surfaces	Miles	86.34		0.78	616.65			428.64	1,132.41
Intermittent bituminous resurfacing:	Sq. Yds.								
Subclass I-11 (Modified)					1,274,195			14,303	1,288,498
Grading (separate contracts)	Miles	5.72		3.74	0.95			6.02	16.43
Structures:									
Bridges, new	Number	48			32			33	113
Bridges, widened	Number				7				7
Bridges, repaired	Number	1			78				79
Highway grade separations	Number	103		2	18			3	126
Highway grade separations, repaired	Number	1			13				14
Railroad grade separations	Number	28		1	13			2	44
Railroad grade separations, repaired	Number	1			9				10
Bridges, painted	Number				60			4	64

¹ This construction was performed in order to prepare old 18-foot and 20-foot rigid pavements for resurfacing with bituminous concrete.

² Includes 108.08 miles of 1½-inch and 2-inch surfacing which is the first stage of two-stage construction.

CONSTRUCTION

TABLE 24.—CONTRACTS UNDER CONSTRUCTION DURING 1963.
PORTLAND CEMENT CONCRETE PAVEMENT.
STATE CONTRACTS.

Route	Section	County	Contractor	Width in Feet	Mileage Completed 1963	Mileage Uncompleted
SBI 2	(31, 32, 33) W, 32-2	Washington	Hoeffken Brothers, Inc.	24, var.	1.38	---
SBI 2	48-K & 48-11B	Macon	Berry Construction Co. & C. E. Burgett Const. Co.	2@ 24, var.	0.41	---
SBI 2	48X-2	Macon	Macon County Asphalt Company	2@ 24	0.80	---
SBI 5	43	JoDavies	Rock Road Construction Company	2@ 24	---	3.53
SBI 10	32-R	Champaign	General Paving Company, Inc.	2@ 24	0.45	---
SBI 14, FAI 57	28-3HB-1 & 4-2	Franklin	E. T. Simonds Const. Co. & J. D. Barter Const. Co.	2@ 24	---	1.21
SBI 17	15Z-CS & 15Z-BR	Livingston	Eric Bolander Construction Company	24, var.	---	1.13
SBI 18	9(H, HB, SB)	Cook	Robert R. Anderson Company	Var.	0.24	0.24
SBI 53	531-1, 531-1B-7, 531-11B-5	Cook	The Standard Paving Company	2@ 36	1.56	---
SBI 53	531-2	Cook	Arcole Midwest Corporation	2@ 36	---	1.28
SBI 54	541-S & SB-2	Cook	J. M. Corbett Company	2@ 36	0.36	---
SBI 116	(101, 102) A-1, 102-K, 102-HB-2(F, E, & D)	Tazewell	R. A. Cullinan & Son, Inc. & Jansen & Schaefer, Inc.	24, 2@ 24	---	1.65
SBI 132	104Z-1	Moultrie	Macon County Asphalt Company	42, var.	---	0.59
FA 2, 188	1	Winnebago	Sjostrom Paving Company	2@ 24, var.	0.59	---
FA 2	(66, 67) R	Marshall-LaSalle	J. P. Wetherby Construction Corporation	24, var.	3.84	0.17
FA 6	(67, 68) R & 68R-B	Marshall	The Standard Paving Company	24, var.	---	3.17
FA 7, 131, SBI 56	22-3, (4Y) R & (V) R	DuPage	E. M. Melahn Construction Company	24, var.	0.64	---
FA 7	(C & J) R-2, 552-R, 163-MFT, 561-1	DuPage	Chatham Paving Company	2@ 36, var.	0.98	---
FA 9	6R-1 & 5-R	Kane	E. M. Melahn Construction Company	24	---	6.96
FA 9	6 & 7(W, R, RS)	Henderson	Gunther Construction Company	24	0.32	---
FA 9	42-R	Knox	Gunther Construction Company	24	0.26	---
FA 9	103	Warren	Robert A. Black, Inc.	24, 2@ 24	---	4.73
FA 13	5-2 & 6-2-1	Richland	Green Construction Company	24, var.	---	3.73
FA 13	6-2	Richland	Robert A. Black, Inc.	24, var.	8.09	---
FA 30	21 & 21-B	Bureau-Putnam	Eric Bolander Construction Company	24	4.79	---
FA 31	117-2	Peoria	McDougal-Hartmann Company	2@ 24(WB lane PCC; EB lane PCC widen, 1-11)	---	---
FA 31 Spur	117-3	Peoria	McDougal-Hartmann Company	2@ 14	0.12	1.48
FA 50, FAI 270	60-4A, 117-2	Madison	S. J. Groves & Sons Company	2@ 24	0.45	---
FA 60	106-1	Lake	Eric Bolander Construction Company	2@ 24	3.24	---
FA 138, SBI 80	(33 & 40)-1 & 116	Rock Island	Central Engineering Company	2@ 24, 24, var.	1.49	1.33
FA 141	111-R	Whiteside	Ladd Construction Company	2@ 24, var.	---	1.84
FA 151	101	Madison	Hoeffken Brothers, Inc.	24, 2@ 24	2.56	---
FA 151	102	Madison	Hoeffken Brothers, Inc.	24, 2@ 24	1.35	---
FA 172	17	Tazewell	Jansen & Schaefer, Inc.	24, 2@ 24	2.01	---
FA 182	12 & 13	Randolph	Hoeffken Brothers, Inc.	22	---	2.90
FA 194	4 & 4-i	Winnebago	Charles Ind Company	2@ 24, var.	5.09	---
FA 194, FAS 1044	5	Winnebago	Charles Ind Company	2@ 24	0.98	---
FA 194	6	Winnebago-Boone	Thomas M. Madden & R. T. Madden Co., Inc.	2@ 24, 24	1.83	---

TABLE 24.—Continued.
PORTLAND CEMENT CONCRETE PAVEMENT.—Continued.
STATE CONTRACTS.—Concluded.

Route	Section	County	Contractor	Width in Feet	Mileage Completed 1963	Mileage Uncom- pleted
FA 196	2	Sangamon	Macon County Asphalt Company	2@24	0.32	---
Art. 8	46-V, VB	Cook	Herlihy Mid-Continent Company	26	---	0.12
CH 259	259-0404-V, VB	Cook	Herlihy Mid-Continent Company	26	---	0.15
Senate Bill 749	3, 3-VB, 3-VB-1	Whiteside	H. H. Mass Construction Company	26	---	---
FAI 55	57-4(1)	McLean	McDougal-Hartmann Company	2@24	0.13	---
FAI 55, 74	57-5, 57-19	McLean	McDougal-Hartmann Company	2@24	0.38	3.48
FAI 55	84-2-1	Sangamon	McDougal-Hartmann Company	2@24	3.29	2.12
FAI 55, FA 161	84-2-2, 3(R, RS)	Sangamon	Sangamo Construction Company	2@24	3.82	---
FAI 55, FA 196	84-3-1, 2-A	Sangamon	S. J. Groves & Sons Company	2@24	4.22	---
FAI 55, FA 49	84-3-2, 19X-3	Sangamon	S. J. Groves & Sons Company	2@24	1.58	---
FAI 55	99-2VB-R	Will	S. J. Groves & Sons Company	2@24	4.99	---
FAI 55	0101-639	Cook	E. H. Swenson & Son, Inc.	24	0.67	---
FAI 55	0102-631	Cook	J. M. Corbett Company	2@36	---	0.57
FAI 55	0203-632 IIBK	Cook	J. M. Corbett Company	2@36, var.	---	0.83
FAI 55	0404-640	Cook	E. H. Swenson & Son, Inc.	2@36, var.	---	0.93
FAI 55	0405-633	Cook	Rossi Contractors	2@36	---	0.36
FAI 55	0505-634	Cook	Contracting & Material Company	2@36	---	0.96
FAI 55, FA 99	1112-636, 50-4X	Cook	Robert R. Anderson Co. & Orr Construc- tion Co.	2@36	---	0.92
FAI 55	1213-637	Cook	The Standard Paving Company	2@36, var.	---	1.44
FAI 55	1314-638	Cook	Contracting & Material Company	2@36, var.	---	1.10
FAI 57	10-31	Champaign	Robert A. Black, Inc. & Bongl Cartage, Inc.	2@36	---	0.51
FAI 57	10-32	Champaign	Howell Asphalt Co. & General Paving Co., Inc.	2@24	4.00	---
FAI 57	18-1, 18-1-1	Cumberland	General Paving Company, Inc.	2@24	5.36	---
FAI 57	25-8 & 87-1	Effingham-Shelby	Parro Construction Corp.	2@24	---	4.94
FAI 57	28-1	Franklin	Green Construction Company	2@24	---	7.70
FAI 57	28-1-1	Franklin	J. D. Barter Const. Co. & E. T. Simonds Const. Co.	2@24	2.44	---
FAI 57	28-1-2, 28-2	Franklin	J. D. Barter Const. Co. & E. T. Simonds Const. Co.	2@24	1.66	---
FAI 57	28-2-1	Franklin	J. D. Barter Const. Co. & E. T. Simonds Const. Co.	2@24	2.21	---
FAI 57	28(3, 3-1, 3-2, 3-S, 3IIB-2)	Franklin	J. D. Barter Const. Co. & E. T. Simonds Const. Co.	2@24	1.41	---
FAI 57	28-4	Franklin	E. T. Simonds Const. Co. & J. D. Barter Const. Co.	2@24	---	2.53
FAI 57	28-5-4	Franklin	Const. Co.	2@24	3.57	---
FAI 57	28-5(S, 3, 5), 28-5IIB-1	Franklin	E. T. Simonds Const. Co. & J. D. Barter Const. Co.	2@24	1.05	---
FAI 57	28-5(S, 3, 5), 28-5IIB-1	Franklin	E. T. Simonds Const. Co. & J. D. Barter Const. Co.	2@24	---	1.73

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FAI 57	46-4HBK	Kankakee	Orr Construction Company	2@ 24	0.64	---
FAI 70	25-1-1	Effingham	Parro Construction Corp. & Green Const. Co.	2@ 24	2.01	---
FAI 70	26-3, 26-4, 26-3HB-4	Fayette	Parro Construction Corp. & Green Const. Co.	2@ 24	7.35	---
FAI 70	26-5, 26-5HB-2	Fayette	Parro Construction Corp. & Green Const. Co.	2@ 24, var.	2.14	---
FAI 70	26-5-1, 26-5B-1	Fayette	Parro Construction Corp. & Green Const. Co.	2@ 24, var.	1.92	---
FAI 70	82-1HB	St. Clair	Keeley Brothers Contracting Company	2@ 24	0.16	---
FAI 74	48-27	Knox	Central Engineering Company	2@ 24	5.80	---
FAI 74	72(5, 5I-1)	Peoria	McDougal-Hartmann Company	2@ 24	3.99	---
FAI 74	72-6	Peoria	S. J. Groves & Sons Company	2@ 24	2.42	---
FAI 74	72-7, 7HB-2, 7HB-3, 7HB-4	Peoria	McDougal-Hartmann Company	2@ 24	2.96	---
FAI 74	72-8, 8HB, 8HB-1, 8HB-4, 8HB-5	Peoria	McDougal-Hartmann Company	2@ 24	1.36	---
FAI 74	81-2	Rock Island	Central Engineering Company	2@ 24	1.00	---
FAI 74	92-11	Vermilion	S. J. Groves & Sons Co. & McCalman Const. Co.	2@ 24, var.	4.22	---
FAI 74	92-12, 92-12HB-3	Vermilion	S. J. Groves & Sons Co. & McCalman Const. Co.	2@ 24	4.62	---
FAI 80	06(1, 1HB-1; 2, 2HB, 2-B, 2B-1)	Bureau	S. J. Groves & Sons Co. & Arcole Midwest Corp.	2@ 24	5.01	4.44
FAI 80	06-3, 06-3HB-1	Bureau	The Standard Paving Company	2@ 24, var.	5.07	4.82
FAI 80	06-4, 4HB-1	Bureau	The Standard Paving Company	2@ 24, var.	4.47	---
FAI 80	06-5	Bureau	Charles Ind Company	2@ 24	4.79	---
FAI 80	06-6, 6HB-1	Bureau	The Standard Paving Company	2@ 24	4.40	---
FAI 80	06-7	Bureau	Charles Ind Company	2@ 24	1.17	---
FAI 80	37-5, 5HB-1	Henry	Central Engineering Company	2@ 24	1.10	---
FAI 90	22-3, (4Y) R & (V) R	DuPage	E. M. Melahn Construction Co.	2@ 24, 48, var.	1.49	---
FAI 270	60-2	Madison	Hoefken Brothers, Inc.	2@ 24	0.96	---
FAS 3	X-W	Lake	Eric Bolander Construction Company	2@ 24	0.25	---
FAS 13	106-1	Lake	Eric Bolander Construction Company	24	1.31	1.04
FAS 116	110-1415	Cook	Thomas McQueen Company	28, 2@ 24	0.81	---
FAS 256	1-R	LaSalle	Eric Bolander Construction Company	24, var.	1.46	---
FAS 275	91	LaSalle	Eric Bolander Construction Company	22	0.22	---
FAS 323	116-BR	Iroquois	Burnell G. Watson	20	3.02	---
FAS 642	18	Moultrie	Huckaba & Sons Construction Company	22	0.50	---
FAS 716	22-R, 35, 35-B	Fayette	Parro Construction Corp. & Green Const. Co.	22, var.	1.91	---
FAS 735	81	Madison	McCann & Company, Inc.	22	3.04	---
FAS 842	233	St. Clair	Hoefken Brothers, Inc.	22	---	---
FAS 855	(13, 14, 461) Q	Monroe	Johnson County Asphalt, Inc. & Johnston Roadbuilders, Inc.	22	0.09	---
FAS 860	22, 22-BR, 22B-1	Randolph	Pautler Brothers Contractors, Inc.	20	0.52	---
FAS 910	41	Williamson	Leon B. Stilley Construction Company	22	1.76	---
FAS 1001, 4	71-R, 83(W, RS)	Lake	E. A. Meyer Construction Company	36, 2@ 36	1.37	---
FAS 1044, FA 194	5	Winnebago	Charles Ind Company	20, 2@ 24	0.67	---
FAS 1135	(C&J) R-2, 552-R, 163-MFT, 561-1	DuPage	Chatham Paving Company	2@ 24, var.	1.62	---
FAS 1135	22-3, (4Y) R & (V) R	DuPage	E. M. Melahn Construction Company	2@ 24, var.	0.54	---
FAS 1305	79-R	Kankakee	Orr Construction Company	2@ 24	1.32	---
FAS 1035	83-BR	St. Clair	H. H. Hall Construction Company	24	0.29	---

Total miles of portland cement concrete pavement—State contracts

143.32 107.90

TABLE 24.—Continued.
PORTLAND CEMENT CONCRETE PAVEMENT.—Concluded.
COOK COUNTY CONTRACTS.

Route	Section	County	Contractor	Width in Feet	Mileage Completed 1963	Mileage Uncom- pleted
FAI 57-----	068-2323-CF, 068-2323 7-CF-----	Cook-----	Palumbo Excavating Company-----	2@ 24, 36-----	0.78-----	-----
Total miles of portland cement concrete pavement—Cook County contracts-----				-----	0.78-----	-----
Grand total miles of portland cement concrete pavement-----				-----	144.10-----	107.90-----

PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, FULL-WIDTH PORTLAND CEMENT CONCRETE BASE COURSE, AND FULL-WIDTH FLEXIBLE BASE COURSE.

STATE CONTRACTS.

Route	Section	County	Contractor	Width in Feet	Mileage Completed 1963	Mileage Uncom- pleted
SBI 1-----	(18, 19) W-----	Lawrence-Crawford-----	Zimmerly Construction Company-----	24, var----- 2@ 3-----	2.75----- 2.81----- 0.75-----	----- ----- -----
SBI 1-----	(19, 20) W-----	Crawford-----	Zimmerly Construction Company-----	24-----	-----	0.92-----
SBI 1-----	3268-15-1-Z, W-1-----	Cook-----	Alpha Construction Company-----	2@ 4, var-----	-----	-----
SBI 2-----	(31, 32, 33) W, 32-2-----	Washington-----	Hoeffken Brothers, Inc.-----	24, var----- 2@ 3, var----- 2@ 12-----	1.12----- 3.07----- 3.11-----	----- ----- -----
SBI 4A-----	4A Y-NRM 2-Y-----	Cook-----	J. M. Corbett Company-----	22-----	3.50-----	-----
SBI 9-----	(2, 45) W-1, 2-BR, 47-BR-----	Vermilion-----	McCalman Construction Company-----	2@ 2, 3, var-----	3.64-----	-----
SBI 49-----	(113, 114) W-----	Clark-----	Champaign Asphalt Company-----	Bit. conc. widen. 2@ 3, var-----	9.48----- 2.29-----	----- -----
SBI 50-----	3068-NRM-2-Z-Y-----	Cook-----	Peter J. Crowley Company-----	2@ 6, 2@ 18-----	-----	2.24-----
SBI 53-----	3277-Z Y-1-----	Cook-----	W. J. Sheppard & Company-----	2@ 14-----	-----	1.55-----
SBI 78-----	134 R, B Y-----	Fulton-----	H. H. Mass Construction Company-----	24-----	0.31-----	0.23-----
SBI 133-----	121-W-----	Douglas-----	Macon County Asphalt Company-----	2@ 3-----	8.36-----	-----
FA 18-----	11X-3(W, R)-----	Kankakee-----	Azzarelli Construction Co. & Loitz Brothers-----	Bit. conc. widen. 2@ 3 2@ 24-----	0.88----- 0.56-----	----- -----
FA 25-----	(E, F, G, M) X-----	Mason-----	Robert A. Black, Inc.-----	2@ 3, var-----	4.44-----	-----
FA 65-----	135-----	Christian-----	Berry Const. Co. & C. E. Burgett Const. Co.-----	22, var----- 24, var-----	----- -----	5.35-----
Total—PCC base course (two lanes or more)-----				-----	13.75-----	6.90-----
Total—PCC widening-----				-----	15.48-----	3.39-----
Total—Bituminous concrete widening-----				-----	17.84-----	0.00-----
Total miles all base course and widening-----				-----	47.07-----	10.29-----

BITUMINOUS CONCRETE SURFACE ON GRAVEL, CRUSHED-STONE, OR SOIL-CEMENT BASE.
STATE CONTRACTS.

CONSTRUCTION

Route	Section	County	Contractor	Type	Width in Feet	Mileage Completed 1963	Mileage Uncom- pleted
SBI 7	H-Access	LaSalle	Cephas Williams Company	B-5 on flexible base	24	0.21	
SBI 11	22-R, 35, 35-B	Fayette	Parro Const. Corp. & Green Const. Co.	I-11 on flexible base	24	0.10	
SBI 164	118-RS	Tazewell	R. A. Cullinan & Son, Inc.	I-11 on flexible base	24, 42, var.	2.37	
FA 38	14RS-1	Macoupin	Litchfield Bituminous Corp.	I-11 on flexible base	20	7.65	
FA 155	401-2	Jersey	Bridges Paving Company	I-11 on flexible base	2@24	4.78	
FA 158	3RS-1 & 4-RS	Pike	Coggeshall Construction Company	I-11 on flexible base	22, 40, var.	7.31	
FA 158	4RS-1, 5-RS	Pike-Calhoun	Payne & Dolan, Inc.	I-11 on flexible base	22		8.10
FA 160	12-RS	Cumberland	Howell Asphalt Company	B-5 on flexible base	20	7.28	
Senate Bill 275	1	Effingham	Eric Bolander Construction Company	I-11 on flexible base	24		0.92
D.A.R.	C-61	Lake	Charles Lenz & Sons, Inc.	B-5 on flexible base	20	0.50	
FAS 67, 73	77-Q	DuPage	Rein, Schultz & Dahl, Inc.	B-5 on flexible base	20	8.23	
FAS 335	23Q-1	JoDavies	Lehigh Paving Company	B-5 on flexible base	20	3.00	
FAS 386	54-1-1Q	Ford	Becker Brothers, Inc.	B-5 on flexible base	24	0.86	
FAS 403	61-1RQ	Peoria	Gunther Construction Company	B-5 on flexible base	20	3.54	
FAS 488	I-Q	Knox	Dean Berenz Asphalt Company, Inc.	B-5 on flexible base	20, 22	2.27	
FAS 491	II-Q	McLean	Dean Berenz Asphalt Company, Inc.	B-5 on flexible base	20, 22	2.18	
FAS 608	13-Q	McLean	Huckaba & Sons Construction Company	B-5 on flexible base	18	3.16	
FAS 680	45-Q	Coles	Frank C. Feutz Company	I-11 on soil-cement base	20	1.89	
FAS 735	81	Edgar	McCann & Company, Inc.	I-11 on flexible base	22	0.06	
FAS 788	30-Q	Madison	Triple S Construction Company	I-11 on flexible base	37	0.37	
FAS 788	31-Q	Clinton					
FAS 793	50-Q	Washington	Midwest Excavating Company	I-11 on flexible base	20	2.36	
FAS 806	68-Q	Clinton	Johnston Roadbuilders, Inc.	B-5 on soil-cement base	22, 38		2.02
FAS 855	(13, 14, 461)Q	Marion	Huckaba & Sons Construction Company	B-5 on flexible base	40		0.50
FAS 910	40-RS	Lawrence	Johnson County Asphalt, Inc. & Johnston Roadbuilders, Inc.	I-11 on flexible base	22		2.09
FAS 1002	132-Q	Monroe	Coles Asphalt Company	I-11 on flexible base	24	5.24	
FAS 1003	150-Q	Williamson	Skokie Valley Asphalt Company, Inc.	I-11 on flexible base	22	1.68	
FAS 1068	20-1Q	Lake	Liberty Asphalt Products, Inc.	B-5 on flexible base	22	1.96	
FAS 1104	121-Q	Carroll	Rein, Schultz & Dahl, Inc.	B-5 on flexible base	20	4.27	
FAS 1117	57-Q	Kane	Elgin, Gieritz-Melahn Asphalt Company, Inc.	B-5 on flexible base	20	3.93	
FAS 1120	120-Q	DeKalb	Stahl Construction Company	B-5 on flexible base	24, 38	2.08	
FAS 1147	168-Q	Kane	Elgin, Gieritz-Melahn Asphalt Company, Inc.	B-5 on flexible base	20	2.85	
FAS 1233	56-Q	DuPage	Arrow Road Construction Company	I-11 on flexible base	24		1.97
FAS 1307	146-Q	McHenry	Suburban Oil Company	B-5 on flexible base	22	4.24	
FAS 1308	146-XQ	Will	The Crown Rock Asphalt Company	B-5 on flexible base	20	1.95	
FAS 1399, FAI 74		Will	The Crown Rock Asphalt Company	B-5 on flexible base	20	2.30	
FAS 1407	72-7HB, 38-1-1B	Peoria	McDougal-Hartmann Company	B-5 on flexible base	20	0.26	
FAS 1413	47-2Q	Will	Trygg Paving Company	B-5 on flexible base	22	4.20	
FAS 1918	147-Q	Will	The Crown Rock Asphalt Company	B-5 on flexible base	22	2.99	
FAS 2006	21-Q	Jackson	Dale Denny Construction Company	I-11 on flexible base	20	1.20	
FAS 2010	139-Q	Lake	Peter Baker & Son Company	B-5 on flexible base	22	2.02	
	105-Q	Lake	Skokie Valley Asphalt Company, Inc.	B-5 on flexible base	22	3.24	
Total—Subclass I-11 on flexible and soil-cement base						33.33	13.08
Total—Subclass B-5 on flexible and soil-cement base						69.20	2.52
Total miles of Subclass I-11 and B-5 on flexible and soil-cement base						102.53	15.60

TABLE 24.—Continued.
BITUMINOUS SURFACING OF RIGID-TYPE PAVEMENTS.
STATE CONTRACTS.

Route	Section	County	Contractor	Sub-class	Width in Feet	Mileage Completed 1963	Mileage Uncompleted
SBI 1 & 136	(18, 19) RS & 104-RS	Lawrence-Crawford	Parro Construction Corp.	I-11	18, 24, var.		5.58
SBI 1	(19, 20) RS	Crawford	Ralph Rogers & Company, Inc.	I-11	24	5.20	
SBI 1	(41, 41X) RS-2	Massac	Calhoun County Contracting Corp.	I-11	2@24		30.62
SBI 1	3268-154-Z-W-1RS	Cook	Gallagher Asphalt Corp.	I-11	2@22, var.		1.19
SBI 2	(2Q-CS, 71) RS	LaSalle	J. P. Wetherby Construction Corp.	I-11	18, 24, var.	1.76	
SBI 2	6(W, RS) & 6-BY	Perry	Keene Roadbuilders, Inc.	I-11	24, var.		31.26
SBI 2	(31, 32, 32-2, 33) RS	Washington	Arrow Road Construction Company	I-11	24, var.		4.84
SBI 2	51(W-1, RS-2)	Macon	Berry Construction Company	I-11	30, 42, var.		21.07
SBI 2	(64, 65)(R, W, RS); 64B-1, 65-BR	Woodford	H. H. Mass Construction Company	I-11	24		35.74
SBI 2	75-RS	Lee	Ladd Construction Company	I-11	18, var.	18.98	
SBI 3, 78	16-RS & 115RS-2	Whiteside-Henry	Rein, Schultz & Dahl, Inc.	I-11	18, 22, var.	10.73	
SBI 3, 85	(27, 28) RS & 101-RS	Mercer-Warren	McCarthy Improvement Company	I-11	18	17.86	
SBI 3	43(W, RS)	Schuyler	Payne & Dolan, Inc.	I-11	24	45.59	
SBI 4	OZ-RS	Will	Trygg Paving Company	I-11	42, var.	0.58	
SBI 4	(1-S & 2-R) RS	Will	Trygg Paving Company	I-11	2@22, 40	0.93	
SBI 4	(15, 15A, 11B 536) RS	McLean	Dean Berenz Asphalt Company, Inc.	I-11	18, var.	3.20	
SBI 4A	4AY-NRM-2-Y-RS	Cook	George H. Hartong, Inc.	I-11	2@30	1.55	1.56
SBI 5	5Z-1-RS	Cook	The Standard Paving Company	I-11	26, 46	2.37	
SBI 5	(22, 23) RS-3	JoDavies-Stephenson	Freepport Blacktop Construction Company	I-11	18	18.94	
SBI 5, 80	(28, 29) RS-3, (103, 104) RS-1	JoDavies	Rein, Schultz & Dahl, Inc.	I-11	18, var.	110.63	
SBI 5	1962-2RS	Cook	J. M. Corbett Company	I-11	35.6	0.75	
SBI 7	(2X, 3, 3R, 4, 4R) RS-2	Henry	McCarthy Improvement Company	I-11	20, var.	4.41	
SBI 7	33-RS, (CS-33Q-CS)	LaSalle	Estate of J. P. Hollerich, Deceased	I-11	42, 52, var.	1.76	
SBI 8	36RS-1	Knox	Gunther Construction Company	I-11	38	0.90	
SBI 8	(42-43) RS	Knox	Gunther Construction Company	I-11	18	18.65	
SBI 8	48-RS	Peoria-Knox-Fulton	Becker Brothers, Inc.	I-11	18, var.	5.71	
SBI 9	(2, 46) RS-1	Vermillion	Lehigh Paving Company	I-11	22	7.21	
SBI 9	18, 19(W, RS)	Ford	Lehigh Paving Company	I-11	42, var.	30.08	
SBI 9	(19, 21, 22, 23) RS	McLean-Ford	Dean Berenz Asphalt Company, Inc.	I-11	18	12.19	
SBI 9	33(W, RS)	McDonough	Coggeshall Construction Company	I-11	24	45.46	
SBI 13	126-Z(W&RS)	St. Clair	Hoeffken Brothers, Inc.	I-11	30, var.	0.77	
SBI 15	5-1(W, RS)	Washington	Keeley Brothers Contracting Company	I-11	22	33.18	
SBI 15	5, 109-Z(W, RS)	Washington	General Contracting Company	I-11	24	21.16	
SBI 16	(1, 2, 3) RS	Coles-Edgar	Champaign Asphalt Company	I-11	22, 24, var.	14.94	
SBI 17	1-RS	Kankakee	Triangle Construction Company	I-11	18	5.42	
SBI 18	(9Y) RS-1	DuPage	George H. Hartong, Inc.	I-11	40, var.	1.60	
SBI 18	(11Y) RS-3	Kane-DuPage	Arrow Road Construction Company	I-11	40	3.86	
SBI 18	12RS-1	Kendall	Geneva Construction Company	I-11	22	0.58	
SBI 18	(16R) RS	DeKalb	Stahl Construction Company	I-11	22, var.	0.68	
SBI 19	28-RS-1	McHenry	Suburban Oil Company	I-11	20, 30	2.22	
SBI 20	13RS-2	Lake-McHenry	Peter Baker & Son Company	I-11	22	1.51	
SBI 20, 61	(14, 14X & 14W-2) RS, (112, 112 Ext.) RS, 13-CS	McHenry	Suburban Oil Company	I-11	36, 40, var.	0.64	

CONSTRUCTION

SBI 22	13RS-5	Will	Materials Paving Company	I-11	40, var.	0 68	---
SBI 22, 62	(18)RS-1, (115X) RS	McHenry	Suburban Oil Company	I-11	24, var.	0 48	---
SBI 23 Alt.	27-RS	DeKalb	Stahl Construction Company	I-11	18, 20	0 51	---
SBI 24	(J, Q, L)X, (J, Q)RS, LRS-2	Tazewell	Clark Brothers, Inc. & Princeville Stone Company	I-11	24, var.	53 43	52 71
SBI 24	6-R, 8R-1 & (6, 8)RS-1	Sangamon	Macon County Asphalt Company	I-11	24	50 50	---
SBI 24	8(R, RS)	Sangamon	Ganther Construction Company	I-11	24, var.	110 30	---
SBI 28	(2, 3, 4, 6)RS	Knox	Ninora Construction Company	I-11	18, 21, var.	16 29	---
SBI 31	(18, 19)RS	Fulton	W. L. Miller Company	I-11	18	18 20	---
SBI 36	1-RS, 7RS-1	Adams-Hancock	Mitchell Contracting Company	I-11	18, 21, var.	51 02	---
SBI 37	12RS-3	Williamson	Peter Baker & Son Company	I-11	24	0 34	---
SBI 42	(113F-Ext.)RS	Lake	Peter Baker & Son Company	I-11	44 5	0 87	---
SBI 42	113F Ext. RS-1	Lake	Peter Baker & Son Company	I-11	21	1 15	---
SBI 44	15E-RS	Kankakee	Azzarelli Construction Company	I-11	40, 64, var.	40 60	---
SBI 44	18(W, RS)	Will	Trygg Paving Company	I-11	24	10 41	---
SBI 49	(113, 114)RS	Clark	Champaign Asphalt Company	I-11	20, 24, var.	1 14	1 14
SBI 50	3068-NRM-2-Z-Y-RS	Cook	Crowley-Sheppard Asphalt Company	I-11	2@36, 24	11 23	---
SBI 51	(104, 105, 104S-1, 104S-2)RS-1	Will	Trygg Paving Company	I-11	40, 20, var.	3 22	---
SBI 53	530-RS	Lake	Peter Baker & Son Company	I-11	20	0 77	2 24
SBI 53	3277-Z-Y-1-RS	Cook	Gallagher Asphalt Corporation	I-11	2@24	---	---
SBI 58	580-RS(64-CS)	Kane	Giertz-Melahn Asphalt Company, Inc.	I-11	40, var.	---	---
SBI 59, FAS 115	1963-7RS	Cook	Rock Road Construction Company	I-11	20, 24	1 22	---
SBI 60	B-119-Y-RS	Cook	Rock Road Construction Company	I-11	20, 24, var.	40 66	---
SBI 62	115-RS	Kane-Cook	Rock Road Construction Company	I-11	20, var.	4 90	---
SBI 63	631-RS, (T, T-1 & T-2)RS-1	Kane	Steffan Brothers, Inc.	I-11	18, 20, 36	2 11	---
SBI 64 Spur	131RS-1	DuPage	Black Top Roads Company	I-11	20	0 56	---
SBI 71	(116W)RS, 4-CS	DeKalb	Stahl Construction Company	I-11	34, 38, var.	0 44	---
SBI 71	(116R-1, 116R-2, 117R-2)RS	DeKalb	Stahl Construction Company	I-11	22, var.	8 25	---
SBI 71	117R-3RS, (27 & 30)RS-1	Kane	Geneva Construction Company	I-11	22, var.	5 28	---
SBI 72, CH 11	(127, 127-S, Y, 106-X, 106-S, 109)RS, (32 Ext.)RS	DeKalb-Kane	Elgin, Giertz-Melahn Asphalt Company, Inc.	I-11	18, 20	13 35	---
SBI 72	128RS-1	DeKalb	Stahl Construction Company	I-11	32, var.	0 70	---
SBI 78	134-RS	Fulton	George E. Hoffman & Sons, Inc.	I-11	24	---	2 09
SBI 85	(105, 106)RS	Rock Island-Mercer	Central Engineering Company	I-11	18, 21, var.	8 23	---
SBI 89	(101, 102)RS	Lee	Ladd Construction Company	I-11	18	15 92	---
SBI 89, 7	(114, 115, 116)RS-1, 10-RS	Bureau	Strunk Brothers Company	I-11	18, 39, var.	12 18	---
SBI 95	(114 & 115)RS	Hancock	Gem Contracting & Paving, Inc.	I-11	18, 34	3 98	---
SBI 99	105-RS	McDonough	W. L. Miller Company	I-11	18, var.	4 67	---
SBI 100	110RS-1, 111-RS	Schuylar	George E. Hoffman & Sons, Inc.	I-11	20	8 39	---
SBI 113-N	(110-NY-2 & 111-NY-2)RS	Will	The Crown Rock Asphalt Company	I-11	20	3 76	---
SBI 119	102RS-2	McLean	Eaton Asphalt Company, Inc.	I-11	18	13 50	---
SBI 121, 122	(107, 108, 126X)(W&RS)	Tazewell	R. A. Cullinan & Son, Inc.	I-11	20, 24, var.	4 51 19	4 55 02
SBI 133	121-RS	Douglas	Macon County Asphalt Company	I-11	24	38 97	---
SBI 142	(124, 125)RS	Saline	Tri-State Engineering Company	I-11	24, var.	20 99	---
SBI 150	121(W, RS-1)	Randolph	Des Plaines Valley Const. Co. & Johnson County Asphalt, Inc.	I-11	18, 38, var.	22 68	---
SBI 150	(121, 122)RS-2	Randolph	Pautler Brothers Const., Inc. & Des Plaines Valley Construction Company	I-11	21, 22	26 41	---

TABLE 24.—Continued.

BITUMINOUS SURFACING OF RIGID-TYPE PAVEMENTS.—Concluded.
STATE CONTRACTS.—Concluded.

Route	Section	County	Contractor	Sub-class	Width in Feet	Mileage Completed 1963	Mileage Uncompleted
SBI 150	122W-1, RS-3, BY-1	Jackson-Randolph	Bridges Paving Company	I-11	24, var.	21.06	
SBI 154	(108, 108X)-1	Perry	J. D. Barter Const. Co. & Howell Const. Co.	I-11	24	18.55	\$1.14
SBI 156	(102, 103) RS	Monroe	Bridges Paving Company	I-11	18	3.15	
SBI 164	118-RS	Tazewell	R. A. Cullinan & Son, Inc.	I-11	18, 24, var.	60.24	
FA 2	23Z(W, RS) 2, 23-BR, 23-2	Fayette	Calhoun County Contracting Corp.	I-11	Var.	5.27	
FA 2	(30, 31, 31-2) RS	Washington-Jefferson-Marion	Arrow Road Construction Company	I-11	24, var.	3.68	
FA 4	(87-1) RS	Schuyler	Coggeshall Construction Company	I-11	24, var.	1.89	
FA 4	202-RS	Madison	Thompson Asphalt Company	I-11	24@24	12.16	
FA 5	(18, 20, 21) RS	Logan-McLean	Ninora Construction Company	I-11	24	60.90	\$0.65
FA 5	110X-7	Sangamon	Sangamo Construction Company	I-11	36, 2@36	60.17	
FA 9	6 & 7(W, R, RS)	Henderson	Gunther Construction Company	I-11	24, var.		
FA 14	166Z(W, RS)	St. Clair	Illinois-Weber, Contractor, Inc.	I-11	24@24, 36		
FA 18	2-Z(W, RS)	Marshall	George E. Hoffman & Sons, Inc. & Philipp J. Hoerr Construction Company	I-11	42, var.		
FA 18	11X-3RS	Kankakee	Lehigh Paving Company	I-11	2@24	1.44	
FA 23	1963-2RS	Cook	Arcole Midwest Corporation	I-11	48	1.24	
FA 23	1963-3RS	Cook	Arcole Midwest Corporation	I-11	52	1.28	
FA 23	1963-4RS	Cook	Arcole Midwest Corporation	I-11	57, var.	0.50	
FA 23	1963-5RS	Cook	Arcole Midwest Corporation	I-11	40	2.91	
FA 24	99(W, RS), 100(R, W, RS) & 37-RS	LaSalle-Livingston	Cephas Williams Company	I-11	43, 33, 26		1.69
FA 25	(E, F, G, M) RS	Mason	Sankey Brothers, Inc.	I-11	22, var.	5.89	
FA 25	(I, J)(X, RS)	Tazewell	Clark Brothers, Inc., & Princeville Stone Company	I-11	24	54.66	
FA 25, FAI 55	84-3H-B-1, 8(X, RS-1)	Sangamon	S. J. Groves & Sons Company	I-11	2@24	51.10	
FA 31	118(W, RS)	Peoria	McDougal-Hartmann Company	I-11	2@23	20.92	
FA 36	78(W, RS)	Adams	Hollembeak Construction Company	I-11	42	60.94	
FA 36	78-1(W, RS)	Adams	Hollembeak Construction Company	I-11	44		60.93
FA 49, FAI 55	84-3-2, 19X-3	Sangamon	S. J. Groves & Sons Company	I-11	2@24	50.29	
FA 49	19X3-1	Sangamon	Sangamo Construction Company	I-11	24, var.		60.23
FA 65	135-RS	Christian	Macon County Asphalt Company	I-11	24, var.		5.35
FA 72	128 Ext.(W, RS)	Will	Powers-Thompson Construction Company	I-11	2@24, var.	20.37	
FA 73	116-X	Logan	J-P Construction Company	I-11	2@21, var.		61.45
FA 101, SBI 13, 144	101RS-2, 12RS-2, 12-1RS	Jackson	Gilmore Asphalt Products, Inc.	I-11	Var.	0.35	
FA 105	108(W-1, RS)	LaSalle	J. P. Wetherby Construction Corporation	I-11	38, 45, var.	51.05	
FA 119, SBI 121	116-I-1, 109RS-1	Logan	Ninora Construction Company	I-11	18	2.06	
FA 131	(55, 56) RS-1	DuPage	Black Top Roads Company	I-11	20, var.	3.67	
FA 131	(59, 60) RS	Kane-DuPage	Arrow Road Construction Company	I-11	22	6.70	
FA 132, FAI 270	60-3, 5-10, 6-3	Madison	Hoefken Brothers, Inc.	I-11	2@24	62.87	

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FA 139, SBI 176	112X Ext.(RS), 112X(W, RS), 146-RS	McHenry	Suburban Oil Company	I-11	24, 30, 40	41.83	
FA 145, SBI 153	(6, 105, 106) RS	Washington	Johnston Roadbuilders, Inc. & Des Plaines Valley Construction Company	I-11	18, 20	8.84	
FA 150	5-I	Clinton	Keeley Brothers Contracting Company	I-11	24	50.66	
FA 156	(12, 45) RS	Madison	Madison Construction Company, Inc.	I-11	18, 20	2.65	
FA 161, FAI 55	84-2-2, 3(R, RS)	Sangamon	S. J. Groves & Sons Company	I-11	2@24	61.44	
FA 196	2	Sangamon	Macon County Asphalt Company	I-11	2@24	50.30	
FH 3	(2, 3) RS	Saline-Pope	Macclair Asphalt Company, Inc.	I-11	18	8.87	
FH 7	132RS-4, 102RS-2	Union	Gilmore Asphalt Products, Inc.	I-11	22, 24	7.67	
FH 9	101RS-1	Jackson	Coles Asphalt Company	I-11	18, 24, var.	6.82	
FH 13	(3, 4) RS-1, 6RS-2	Hardin	Macon County Asphalt Company	I-11	18	7.81	
FH 20	5RS-1, 6RS-3	Hardin	Macon County Asphalt Company	I-11	18	5.71	
FH 29	6RS-4, 7RS-1	Pope-Hardin	Macon County Asphalt Company	I-11	18	9.73	
FAI 90	0912-715-I	Cook	Chicago Paving & Construction Company	I-11	2@36	52.61	
FAS 10	(14-SB) RS	Lake	Skokie Valley Asphalt Company, Inc.	I-11	32	0.33	
FAS 115, SBI 59	1963-7RS	Cook	Rock Road Construction Company	I-11	2@24	3.53	
FAS 409	(116, 117) RS	Henderson	McCarthy Improvement Company	I-11	22, 2@14, var.	5.57	
FAS 498	67-Q	Vermilion	Danville Construction Company	I-11	22	52.03	
FAS 518	38-Q	Champaign	General Paving Company, Inc.	I-11	22	52.61	
FAS 520	3	Champaign	General Paving Company, Inc.	I-11	2@22, var.	51.14	
FAS 1001, 4	71-R, 83(W, RS)	Lake	E. A. Meyer Construction Company	I-11	34, 2@24	20.72	
FAS 1061	120	Winnebago	Sjostrom Paving Company	I-11	2@24	1.54	
CH 055	3248-15d-Z-C&G	Cook	Peter J. Crowley Company	I-11	18	20.25	
CH 1	27-RS	Will	Materials Paving Company	I-11	20, 26, var.	0.40	
CH 1, 38	(33, 33X) RS, 39(W, RS)	Will	Materials Paving Company	I-11	20, 24, 34	48.14	
CH 4	49-RS	Sangamon	Sangamo Construction Company	I-11	22, 36	0.44	
CH 6	34(W, RS)	DuPage	Arrow Road Construction Company	I-11	24	0.60	
CH 7A	37-RS	Lake	Liberty Asphalt Products, Inc.	I-11	18, var.	14.13	
CH 11	Z-RS	Lake	Skokie Valley Asphalt Company, Inc.	I-11	24	0.40	
CH 11	25-RS	McLean	Eaton Asphalt Company, Inc.	I-11	18	13.20	
CH 13	35(W, RS)	DuPage	Arrow Road Construction Company	I-11	24, var.	40.89	
CH 13, SBI 64	128-RS, (39 Ext., 39) RS	Kane	Elgin, Giertz-Melahn Asphalt Company, Inc.	I-11	52, 56, var.	1.47	
CH 25	46-RS	DuPage	Arrow Road Construction Company	I-11	30, 40, 47	0.37	
CH 42	28X-RS	Will	The Crown Rock Asphalt Company	I-11	40, 46, var.	0.29	
CH 57	29(W, RS)	Will	Trygg Paving Company, Inc.	I-11	24	40.57	
CH 130, SBI 63	3035-15d-Z-Y & RS	Cook	Rock Road Construction Company	I-11	2@36	52.15	
Dist. 8	Bit. Resurf. 1962-1	Madison-Bond	Alpha Asphalt Corporation	I-11	22	110.74	
Total miles of bituminous concrete surfacing of rigid-type pavements---						492.58	58.85

¹ Nonstandard surfacing which is the first stage of two-stage construction.

² Contract includes widening of existing portland cement pavement with portland cement concrete base course.

³ Contract includes widening of existing portland cement pavement with flexible base course.

⁴ Contract includes widening of existing portland cement pavement with bituminous concrete base course.

⁵ Contract includes construction of full-width portland cement concrete base course.

⁶ Contract includes construction of full-width portland cement concrete base course and widening of existing portland cement concrete pavement prior to resurfacing.

TABLE 24.—Continued.
GRAVEL SURFACES.
STATE CONTRACTS.

Route	Section	County	Contractor	Type	Width in Feet	Mileage Completed 1963	Mileage Uncom- pleted
FAS 29	58-G	McHenry	O'Leary Construction Company	A	24	1.76	---
FAS 111	87-RG	Kane	Geneva Construction Company	Gr. or cr. stn. base special	---	---	---
FAS 171	58-G	DeKalb	J. P. Wetherby Construction Corporation	B	24	0.43	---
FAS 174	90-G, RS	LaSalle	LaSalle County Portable, Inc.	B	22	1.25	---
FAS 233	50-G	Henry	Swords & Dietz	B	22	6.79	3.77
FAS 254	86-G, RS	LaSalle	LaSalle County Portable, Inc.	B	22	4.51	---
FAS 260	92-G, RS	LaSalle	LaSalle County Portable, Inc.	B	22	3.72	---
FAS 265	98-G	LaSalle	Higgins Construction Company	B	22	3.87	---
FAS 272, 289	42-G	Grundy	S. S. Viland Construction Company	B	20	3.24	---
FAS 350	115-G	McLean	Howard Arnold Construction, Inc.	B	21	2.04	---
FAS 353	80-G	Livingston	Howard Arnold Construction, Inc.	A	21	1.99	---
FAS 363	11-G	Woodford	R. A. Cullinan & Son, Inc.	B	22	2.23	---
FAS 365	16G-3	Woodford	Vernon Henry	B	22	1.76	---
FAS 394	45-RS	Knox	Princeville Stone Co. & Abingdon Rock Co.	B	20	5.38	---
FAS 394	80-G	Knox	Princeville Stone Co. & Abingdon Rock Co.	B	22	1.69	---
FAS 679	42-B	Edgar	Culberson Construction Company, Inc.	B	18	0.46	---
FAS 686	43-B	Edgar	A. J. Walker Construction Company	B	18	0.25	---
FAS 703	34-B	Cumberland	A. J. Walker Construction Company	B	18	---	2.41
FAS 721	14-G	Montgomery	Litchfield Bituminous Corporation	A	22	6.36	---
FAS 749	24-G	Jersey	Madison Construction Company, Inc.	A	20	4.33	---
FAS 802	52-G	Richland	G. H. Allen, Inc.	B	18	1.18	---
FAS 805	67-B	Lawrence	G. H. Allen, Inc.	B	20	0.77	---
FAS 822	84-G	Jefferson	Boyd Brothers General Contractors	B	22	5.88	---
FAS 881	33-G	Hamilton	Davis & Endebrook	B	18	0.44	---
FAS 896	68-G	Saline	Rigsby & Barnard Quarry Company	B	18	3.61	2.64
FAS 924	28-G	Johnson	Dale Denny Construction Company	B	20	---	---
FAS 934	23-G	Hardin	Rigsby & Barnard Construction Company	B	18	1.80	---
FAS 1043	44-1G	Ogle	Lakeland Construction Company, Inc.	B	22	4.01	---
FAS 1122	61-G	DeKalb	Zimmerman & Kahler, Inc.	B	22	1.06	---
FAS 1211	57-G	Mercer	George F. Green	B	20	1.09	---
FAS 1227	48-G	Henry	Miller & Dillenbeck	B	22	2.86	---
FAS 1258	28-G	Kendall	S. S. Viland Construction Company	B	22	6.78	1.01
FAS 1272	46-G	Grundy	Ladd Construction Company	B	22	---	---
FAS 1280	97-G	LaSalle	Ward F. Tobey	B	22	3.46	---
FAS 1300	146-G	Kankakee	E. H. Swenson & Son, Inc.	A	20	1.22	---
FAS 1308	146-XG	Will	D. E. Lynch Const. Co. & D. E. Lynch & R. J. Shanks Const. Co., Inc.	B	22	2.30	---
FAS 1328	217-G	Iroquois	Reeves Brothers Construction Company	A	22	4.33	0.54
FAS 1333	141-G	Iroquois	Howard Arnold Construction, Inc.	A	22	3.93	---
FAS 1347	164-G	Livingston	---	A	21	5.28	---

FAS 1359	13G-1	Woodford	R. A. Cullinan & Son, Inc.	B	22	0.94	---
FAS 1365	103-G	LaSalle	Ladd Construction Company	B	22	1.99	---
FAS 1471	100-G	McLean	Rowe Construction Company	B	21, 23	2.65	---
FAS 1479	114-G	McLean	Rowe Construction Company	B	19	1.49	---
FAS 1486	106-G	McLean	Rowe Construction Company	B	21	2.42	---
FAS 1584	30-G	Brown	County Day Labor	B	18	---	3.03
FAS 1595	35-G	Mason	W. E. Markword Construction Company	B	18	---	6.61
FAS 1604	58-G	Ogle	Oregon Construction Company	B	22	2.98	---
FAS 1701	40-B	Jasper	Mautz & Oren, Inc.	B	20	0.19	---
FAS 1736	31-G	Macoupin	Freesen Brothers, Inc.	B	20	0.99	---
FAS 2183	42-G	Union	Dale Denny Construction Company	B	22	2.44	---
Total—Type A							6.90
Total—Type B							19.47
Total—Gravel or crushed stone base, special							0.00
Total miles of gravel surfaces							111.79
							26.37

GRAVEL, CRUSHED-STONE, OR SOIL-CEMENT BASE AND BITUMINOUS SURFACE COURSE.
STATE CONTRACTS.

Route	Section	County	Contractor	Type or Subelass	Width in Feet	Mileage Completed 1963	Mileage Uncom- pleted
SBI 2	67R-B	Marshall-LaSalle	Cephas Williams Company	B-4	18	0.17	---
FA 155	502-G	Greene	Freesen Brothers, Inc.	A-3	22	2.77	---
FH 13	502-V B	Greene	Neal Lentz Construction Company	A-3	22	0.70	---
FH 13	36-Q	Alexander	Dale Denny Construction Company	A-3	20	1.77	---
FH 13	37(B, B-1, Q, Q-1)	Alexander	Dale Denny Construction Company	A-3	20	0.48	---
FH 13	37Q-2	Alexander	Dale Denny Construction Company	A-3	20	---	0.68
Senate Bill 275	1	McHenry	E. M. Melahn Construction Company	A-3	16, 20	---	0.83
Senate Bill 275	1	Washington	Keene Roadbuilders, Inc.	A-3	18, var.	0.62	---
Senate Bill 275	2 & 3	Johnson-Randolph	Johnston Roadbuilders, Inc. & Johnson County Asphalt, Inc.	A-3	18, 20, var.	2.51	---
Senate Bill 275	4	Jackson	Dale Denny Construction Company	A-3	16	---	3.61
FAS 71	76-B	JoDavies	Eric Bolander Construction Company	B-3	20	1.54	---
FAS 174	90-Q	LaSalle	J. P. Wetherby Construction Corporation	A-3	20	6.81	---
FAS 188	118-Q	Lee	Raymond C. Hoffman	A-3	20	1.98	---
FAS 198	L-Q	Whiteside	Steffan Brothers, Inc.	A-3 on soil cement A-3 on soil cement		3.15	---
FAS 200	J-Q	Whiteside	V. H. Lawrence & Sons			1.05	---
FAS 206	58-Q	Mercer	Swords & Dietz	A-3	22, 36	3.82	---
FAS 223	59-Q	Mercer	Princeville Stone Co. & Abingdon Rock Co., Inc.	A-3	22	---	0.70
FAS 243	9-4Q	Bureau	Strunk Brothers Company	A-3	22	4.76	---
FAS 249	4-5Q	Bureau	Strunk Brothers Company	A-3	22	---	2.49
FAS 254	80-Q	LaSalle	Cephas Williams Company	A-3	20	4.51	---

TABLE 24.—Continued.
GRAVEL, CRUSHED-STONE, OR SOIL-CEMENT BASE AND BITUMINOUS SURFACE COURSE.—Concluded.
STATE CONTRACTS.—Concluded.

Route	Section	County	Contractor	Type of Subclass	Width in Feet	Mileage Completed 1963	Mileage Uncom- pleted
FAS 260	92-Q	LaSalle	Estate of J. P. Hollerich	A-3	20	3.72	
FAS 407	101-1Q	Warren	Princeville Stone Co. & Abingdon Rock Co., Inc.	A-3			1.85
FAS 411	101-Q	Warren	Swords & Dietz	A-3	20		5.19
FAS 413	34-Q	Henderson	Princeville Stone Company	A-3	20		2.14
FAS 419	32-4Q	Henderson	D. E. Lynch & R. J. Shanks Const. Co., Inc.	A-3	20	2.06	
FAS 432	64-Q	Adams	Hollenbeck Construction Company	A-1	22		2.88
FAS 447, 452	41-3Q	Fulton	Swords & Dietz	A-3	20	5.33	
FAS 452	6-Q	Fulton	Princeville Stone Company	A-3	20		7.87
FAS 529	208-Q	Piatt	Lewis Shaw	A-3 on soil cement	22		3.73
FAS 556	13-Q	Christian	County Day Labor	A-2	24	8.76	
FAS 565	54-Q, 22-Q	Logan-Menard	Shaw & Campbell, Inc.	A-3	20	4.54	
FAS 573	20-Q	Menard	Freesen Brothers, Inc.	A-3	20		5.43
FAS 580	29-Q	Morgan	Caldwell Engineering Company	A-3	22		6.58
FAS 583	32-Q	Schuyler	D. E. Lynch & R. J. Shanks Const. Co., Inc.	A-3	20	3.92	
FAS 603	37-Q	Pike	C. W. Curtis Construction Company	A-3	22		4.21
FAS 605	23-Q	Scott	Freesen Brothers, Inc.	A-3	20	3.64	
FAS 613	92-Q	Sangamon	Truman L. Platt & Sons Company, Inc.	A-3	22	3.80	
FAS 642	204-Q	Shelby	G. S. Chastain	A-3	20	3.63	
FAS 694	208-Q	Clark	Frank C. Feutz Company	B-3 on soil cement	20		3.15
FAS 697	42-1Q	Crawford	County Day Labor	B-3	20		1.52
FAS 697	42-2Q	Crawford	County Day Labor	B-3	20		1.18
FAS 708	23-B, Q	Effingham	Moutz & Oren, Inc.	A-3	20		0.34
FAS 711	22-B, Q	Effingham	Mt. Carmel Sand & Gravel Company	A-3 on soil cement	20	2.02	
FAS 715	37-1Q	Fayette	Bituminous Fuel & Oil Company	A-3	20	0.32	
FAS 722	41-2Q	Fayette	Grantwood Contracting Company	A-3 on soil cement	20	1.53	
FAS 732	19-Q	Greene	Calhoun County Contracting Corporation	A-3	20	4.80	
FAS 782	18-Q	Bond	Bituminous Fuel & Oil Company	A-3	20	2.52	
FAS 802	54-Q	Richland	Mt. Carmel Sand & Gravel Company	B-3 on soil cement	22		2.00
FAS 807	65-Q	Lawrence	Mt. Carmel Sand & Gravel Company	B-3	20	3.07	
FAS 815	30-Q	White	Mt. Carmel Sand & Gravel Company	A-3 on soil cement	20	0.98	
FAS 862	46-Q	Randolph	Charles E. Mahoney Company	A-3	20	2.68	
FAS 864	(1 & 2)Q	Perry	Mitchell Contracting Company	A-3	20	4.58	
FAS 864	2-Q	Perry	Bituminous Fuel & Oil Company	A-3	20		2.83
FAS 869	11-Q	Jackson	Charles E. Mahoney Company	A-3	20		4.95
FAS 884	31-Q	White	Mt. Carmel Sand & Gravel Company	B-3 on soil cement	20, 22	5.38	
FAS 902	(71, 29, 24)Q	Saline-Hardin-Gallatin	Rigsby & Barnard Quarry Co. & Beecher Williams Const. Co.	A-3	18	3.00	1.84

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FAS 919	18-Q	Jackson	Dale Denny Construction Company	A-3	20	2.25	3.79
FAS 923	(39 & 41) Q	Union	Dale Denny Construction Company	A-3	20	1.48	5.00
FAS 929	25-Q-2	Massac	B & T Construction Company	A-3 on soil cement	20	6.64	2.07
FAS 938	(19 & 24) Q	Pulaski	Bishop Burd	A-3	20	0.99	2.01
FAS 1068	74-Q & 20-3Q	JoDavies-Carroll	Rein, Schultz & Dahl, Inc.	A-3	20	3.48	6.13
FAS 1180	119-Q	Lee	Raymond C. Hoffman	A-3	20	3.59	
FAS 1250	12-Q	Bureau	Strunk Brothers Company	A-3	22		
FAS 1257	6-2Q	Bureau	Strunk Brothers Company	A-3	22		
FAS 1372	3-1Q & 41-Q	Stark-Marshall	Swords & Dietz	A-3	22		
FAS 1412	100-Q	Warren	Princeville Stone Company	A-3	20		
FAS 1491	22-Q	DeWitt	Rowe Construction Company	A-3 on soil cement	20		
FAS 1539	37-Q	Macon	Berry Const. Co. & C. E. Burgett Const. Co.	B-2 on asphalt tab. base	24	1.66	
FAS 1589	68-G	Adams	Gem Contracting & Paving, Inc.	A-1	20	2.63	
FAS 1602	432 66-G	Adams	Diamond Construction Company	A-1	20	3.90	
FAS 1702	43-Q	Crawford	County Day Labor	B-3	20	2.43	
FAS 1703	41-Q	Jasper	Huckaba & Sons Construction Company	B-3	20, 42	4.72	
FAS 1714	43-Q	Fayette	C. J. Mortiz, Inc.	A-3	22	2.63	
FAS 1737	30-Q	Macoupin	Truman L. Flatt & Sons Company, Inc.	A-3	20	3.62	
FAS 1788	48-2Q	Marion	The Earl Walker Co., Inc. & Johnston Roadbuilders, Inc.	A-3	20	3.49	
FAS 1800	21-Q	Greene	Truman L. Flatt & Sons Company, Inc.	A-2 on asphalt stab. base	18	0.34	
FAS 1900	42-Q	Williamson	Mitchell Contracting Company	A-3	20	1.93	
FAS 1930	20-Q	Pope	Beecher Williams Construction Company	A-3 on soil cement	20	3.04	
FAS 1930	21-Q	Pope	B & T Construction Company				
Total miles of gravel, crushed-stone, or soil-cement base and bituminous surface course							92.8:
Total—A-1, gravel or crushed stone base							2.88
Total—A-2, gravel or crushed stone base							0.00
Total—A-2, asphalt stabilized base							0.00
Total—A-3, gravel or crushed stone base							68.95
Total—A-3, soil-cement base							6.77
Total—B-2, asphalt stabilized base							1.66
Total—B-3, gravel or crushed stone base							7.42
Total—B-3, soil-cement base							5.15
Total—B-4, gravel or crushed stone base							0.00
Total miles of gravel, crushed-stone, or soil-cement base and bituminous surface course							151.83
Total miles of gravel, crushed-stone, or soil-cement base and bituminous surface course							92.8:

TABLE 24.—Continued.
BITUMINOUS SURFACING AND RECONSTRUCTION OF EXISTING GRAVEL OR CRUSHED-STONE SURFACE.
STATE CONTRACTS.

[illegible]

INTERMITTENT BITUMINOUS RESURFACING—SUBCLASS I-11 (MODIFIED).
STATE CONTRACTS.

Route or District	Section	County	Contractor	Square Yards Completed 1963	Square Yards Uncompleted
SBI 126	110X-3RS-2, 110X-5RS-1	Sangamon	Sangamo Construction Company	86,708	---
SBI 140	(113, 114, 115) RS-2	Gallatin-Hardin	Macclair Asphalt Company, Inc.	59,769	---
1	Bit. Resurf. 1963-1	Will-Cook	Materials Paving Company	35,158	---
1	Bit. Resurf. 1963-2	Kane-Kendall	Geneva Construction Company	25,823	---
1	Bit. Resurf. 1963-3	Cook-DuPage	Arrow Road Construction Company	22,802	---
1	Bit. Resurf. 1963-4	McHenry-Kane-Lake	Suburban Oil Company	28,109	---
1	Bit. Resurf. 1963-5	Lake	Peter Baker & Son Company	50,953	---
2	Bit. Resurf. 1963-1	Bureau-LaSalle	The Estate of J. P. Hollerich, Deceased	46,348	---
2	Bit. Resurf. 1963-2	Carroll-Ogle-Whiteside-Lee	Rein, Schultz & Dahl, Inc.	75,600	---
2	Bit. Resurf. 1963-3	Rock Island-Henry	Central Engineering Company	22,411	---
2	Bit. Resurf. 1963-4	JoDavies-Winnebago-Stephenson	Freeport Blacktop Construction Company	56,919	---
3	Bit. Resurf. 1963-1	Ford	Champaign Asphalt Company	35,376	---
3	Bit. Resurf. 1963-2	Marshall-Woodford	Cephass Williams Company	33,944	---
3	Bit. Resurf. 1963-3	Iroquois	D. E. Lynch Const. Co. & D. E. Lynch & R. J. Shanks Const. Co., Inc.	37,022	---
3	Bit. Resurf. 1963-4	LaSalle	J. P. Wetherby Construction Corporation	36,278	---
4	Bit. Resurf. 1963-1	Peoria-Stark	Seneca Petroleum Company	112,986	---
4	Bit. Resurf. 1963-2	Henderson	McCarthy Improvement Company	63,033	---
4	Bit. Resurf. 1963-3	Fulton	George E. Hoffman & Sons, Inc.	8,783	---
5	Bit. Resurf. 1963-1	Vermilion-Edgar	McCalman Construction Company	27,167	---
5	Bit. Resurf. 1963-2	Clark-Coles-Cumberland-Edgar	Huckaba & Sons Construction Company	29,838	---
6	Bit. Resurf. 1963-1	Sangamon-Christian-Menard	P. H. Broughton & Sons, Inc.	15,547	59,705
7	Bit. Resurf. 1963-1	Various	Howell Asphalt Company	150,026	---
8	Bit. Resurf. 1963-1	St. Clair-Montgomery	State Day Labor	4,085	---
8	Bit. Resurf. 1963-2	Various	Alpha Asphalt Corporation	50,444	22,561
9	Bit. Resurf. 1963-1	Williamson-Saline-Gallatin-Franklin	Coles Asphalt Company	119,539	---
Various	1963-1RS	Cook	Rock Road Construction Company	8,833	---
Various	1963-2RS	Cook	Donohoe Asphalt & Paving Company	6,920	---
Various	1963-3RS	Cook	Arcole Midwest Corporation	10,006	---
Various	1963-4RS	Cook	The American Asphalt Paving Company	4,983	---
Various	1963-5RS	Cook	Gallagher Asphalt Corporation	12,471	---
Various	1963-6RS	Cook	Ready Paving & Construction Company	10,617	---
Total square yards of intermittent bituminous resurfacing—Subclass I-11 (modified)-----				1,288,498	82,266

TABLE 24.—Continued.
GRADING.
STATE CONTRACTS.

Route	Section	County	Contractor	Mileage Completed 1963	Mileage Uncompleted
SBI 105	(107, 108) I-1	Pike	Fresen Brothers, Inc.	0.20	-----
SBI 116	(101, 102) A-1, 102-K, 102-HB-2(F.E.&D.)	Tazewell	R. A. Cullinan & Son, Inc. & Jansen & Schaefer, Inc.	-----	3.36
FA 14	(5-3, 1-4) A	Williamson	J. D. Barter Construction Company	-----	1.52
FA 155	401-1A	Jersey	Ryan, Inc.	-----	2.70
FA 196,					
FAI 55	84-3-1, 2-A	Sangamon	S. J. Groves & Sons Company	0.75	-----
FAI 55	0507-635A	Cook	Krug Excavating Co., Lindahl Brothers, Thomas M. Madden Co., Palumbo Excavating Co.	-----	1.32
FAI 55	1114-641A T (Pt. 3)	Cook	Krug Excavating Co. & Palumbo Excavating Company	-----	-----
FAI 74	48-27A, 27HB-1, 27-SB	Knox	McCann & Company, Inc.	0.51	-----
FAI 74	72-6A, 6-B, 6-VB	Peoria	Sangamo Construction Company	0.76	-----
FAI 270,				0.23	-----
FA 50	60-4A, 117-2	Madison	S. J. Groves & Sons Company	4.22	-----
FAS 57	54-A	Stephenson	Rockford Blacktop Construction Company	0.68	6.17
FAS 60	52-A	Stephenson	Thronson Construction Company, Inc.	3.86	-----
FAS 256	1-A	LaSalle	J. P. Hollerich Company	0.82	-----
FAS 481	57-B	McLean	West Construction Company	0.15	-----
FAS 1471	100-B	McLean	West Construction Company	0.51	-----
Total miles of earth grading—State contracts				12.69	15.30
COOK COUNTY CONTRACTS.					
FAI 55	207-0711.2A-CF	Cook	Lindahl Brothers & Thomas M. Madden Co.	3.49	-----
FAI 55	207-1414.2-CF	Cook	W. J. Sheppard & Company	0.25	-----
Total miles of earth grading—Cook County contracts				3.74	0.00
Grand total miles of earth grading				16.43	15.30

CONSTRUCTION

BRIDGES.
STATE CONTRACTS.

Route	Section	County	Contractor	Type of Construction	Number Completed 1963	Number Uncom- pleted
SBI 1	10-I	Will	State Day Labor	Bridge repairs	1	
SBI 1	18-BR	Crawford	G. H. Allen, Inc.	RC slab superstructure	1	
SBI 1	38B & C-1	Johnson	State Day Labor	Bridge repairs	1	
SBI 1	38E-I	Johnson	State Day Labor	Bridge repairs	1	
SBI 2	6(W, RS) & 6-BY	Perry	Keene Roadbuilders, Inc.	Widen RC slab	1	
SBI 2	32-BY, 33-B-2	Washington	Vincent Kosarek	Widen RC slab	1	
SBI 2	(64, 65)(R, W, RS); 64B-1, 65-BR	Woodford	H. H. Mass Construction Company	Steel WF-beams	2	
SBI 2	67R-B	Marshall-LaSalle	Cephas Williams Company	RC slab	1	
SBI 3	17B-I	Rock Island	State Day Labor	Bridge repairs	1	
SBI 3	85B-I	Schuyler	State Day Labor	Bridge repairs	1	
SBI 3	100-D-1	Madison	State Day Labor	Bridge repairs	1	
SBI 5	43-B	JoDavies	Belvidere Construction Company	Parallel WF-beams	2	
SBI 7	11XB-1	Bureau	State Day Labor	Bridge repairs	1	
SBI 8	50B-I-4	Peoria-Tazewell	D. J. Mahoney Company	Bridge repairs	1	
SBI 9	(2, 46)W-1, 2-BR, 47-BR	Vermilion	McCalman Construction Company	RC slabs	3	
SBI 9	4-B-I-1	Woodford	State Day Labor	Bridge repairs	1	
SBI 9	39D-I	Fulton	State Day Labor	Bridge repairs	1	
SBI 10	(12, 12RS)I-1	Macon	State Day Labor	Bridge repairs	1	
SBI 12	1(B, C)I-3	Lawrence	State Day Labor	Bridge repairs	1	
SBI 13	B-C-I	Jackson	State Day Labor	Bridge repairs	1	
SBI 13	4-C-I	Saline	State Day Labor	Bridge repairs	1	
SBI 13	10-2B	Gallatin	Tri-State Engineering Company	WF-beam	1	
SBI 13	24-C-I	St. Clair	State Day Labor	Bridge repairs	1	
SBI 15	HB-142	Wabash	State Day Labor	Bridge repairs	1	
SBI 16	11B-C	Shelby	State Day Labor	Bridge repairs	1	
SBI 17	15Z-CS & 15Z-BR	Livingston	Eric Bolander Construction Company	RC deck	1	
SBI 19	86-Y-B-I	Cook	State Day Labor	Bridge repairs	1	
SBI 20	101-B	Logan	State Day Labor	Bridge repairs	1	
SBI 24	8B-1	Sangamon	J. E. McElroy Construction Company, Inc.	Bridge repairs	1	
SBI 24	8B-2	Sangamon	J. E. McElroy Construction Company, Inc.	WF-beam	1	
SBI 29	CB-I	Putnam	State Day Labor	WF-beam	1	
SBI 37	11-B-1-I	Franklin	State Day Labor	Bridge repairs	1	
SBI 39	12B-I	Champaign	State Day Labor	Bridge repairs	1	
SBI 46	A-2-I	Cook	State Day Labor	Bridge repairs	1	
SBI 47	127-BR	Ford	State Day Labor	Bridge repairs	1	
SBI 47	137(B&C)I	Champaign	State Day Labor	Bridge repairs	1	
SBI 48	130B-I	Macon	State Day Labor	Bridge repairs	1	
SBI 52	625B-1-I	Cook	State Day Labor	Bridge repairs	1	
SBI 53	531-1, 531-1B-7, 531-11B-5	Cook	The Standard Paving Company	Precast prestressed	3	
SBI 53	535B-6-I	Will	E. H. Swenson & Son, Inc.	Bridge repairs	1	
SBI 78	134-R, BY	Fulton	H. H. Mass Construction Company	Widen RC slab	1	
SBI 78	138B-C-I	Fulton	State Day Labor	Bridge repairs	1	

TABLE 24.—Continued.
BRIDGES.—Continued.
STATE CONTRACTS.—Continued.

Route	Section	County	Contractor	Type of Construction	Number Completed 1963	Number Uncom- pleted
SBI 78	138BC-I-1	Fulton	State Day Labor	Bridge repairs	1	
SBI 89	1-E	Bureau-Putnam	State Day Labor	Bridge repairs	1	
SBI 93	106-BC-I	Stark	State Day Labor	Bridge repairs		1
SBI 93	106-BC-I-1	Stark	State Day Labor	Bridge repairs		1
SBI 97	142B-I	Fulton	Sweborg Construction Company	Bridge repairs	1	
SBI 99	105C-I	McDonough	State Day Labor	Bridge repairs	1	
SBI 100	112-B-C-I	Schuylcr	State Day Labor	Bridge repairs	1	
SBI 116A	102B-I	Marshall	State Day Labor	Bridge repairs		1
SBI 119A	118B-C-I	Logan	State Day Labor	Bridge repairs		1
SBI 119A	118B-I	Logan-Tazewell	State Day Labor	Bridge repairs	1	
SBI 120	115B-I-1	Piatt	State Day Labor	Bridge repairs	1	
SBI 127A	112-B-I	Bond	Madison Construction Company	Bridge repairs	1	
SBI 128	101B-I	Shelby	State Day Labor	Bridge repairs	1	
SBI 130	111-B-I & (111-B&C)I	Coles	State Day Labor	Bridge repairs	2	
SBI 140	105B&C-I	White	State Day Labor	Bridge repairs	1	
SBI 142	125B-I	Saline	Tri-State Engineering Company	Precast concrete slab	1	
SBI 144	101-B & C-I	Jackson	State Day Labor	Bridge repairs		1
SBI 148	129-B & C-I	Williamson	State Day Labor	Bridge repairs		1
SBI 149	105B & C-I	Franklin	State Day Labor	Bridge repairs		1
SBI 150	122W-1, RS-3, BY-1	Jackson-Randolph	Bridges Paving Company	Widen RC deck girder	1	
SBI 150	133-B & C-I	Alexander	State Day Labor	Bridge repairs	1	
SBI 150	110B-I	Madison	State Day Labor	Bridge repairs	1	
SBI 154	108(B-I, BY)	Perry	Howell Const. Co. & J. D. Barter Const. Co.	WF-beam	1	
SBI 160	139-B-I	Bond	State Day Labor	Bridge repairs		1
SBI 164	119-B-C-I	Tazewell	R. A. Cullinan & Son, Inc.	Bridge repairs		1
FA 2	23-Z(W, RS)2, 23-BR, 23-2	Fayette	Calhoun County Contracting Corporation	Plate girder	1	
FA 5	11X-1B-I	Livingston	State Day Labor	Bridge repairs		1
FA 5	23X-1B-I	Logan	State Day Labor	Bridge repairs		1
FA 9	103-B	Warren	Sweborg Const. Co. & Swords & Dietz	WF-beam	1	
FA 12	B-XB-I	Clark	State Day Labor	Bridge repairs	1	
FA 12	35-1B-I	Bond	State Day Labor	Bridge repairs	1	
FA 14	28-1B-I	St. Clair	State Day Labor	Bridge repairs		1
FA 16	A-I-1	Wabash	State Day Labor	Bridge repairs	1	
FA 19	17-B-I	LaSalle	State Day Labor	Bridge repairs		1
FA 30	21 & 21-B	Bureau-Putnam	Eric Bolander Construction Company	Precast concrete deck girder	1	
FA 30	21-B-1	Putnam	Ladd Construction Company	Continuous RC slab	1	
FA 60	106-1	Lake	Eric Bolander Construction Company	Dry land bridges	6	
FA 128	1BR-1	Clinton-Washington	C. J. Moritz, Inc.	Widen WF-beams	2	
FA 133	0707-626B	Cook	The Schless Construction Company, Inc.	Parallel WF-beam & plate girder		2
FA 150	3B-I	Clinton	State Day Labor	Bridge repairs		1
FA 150	7-BY	Clinton	Triple S Construction Company	Widen WF-beam	1	
FA 155	401-1A	Jersey	Ryan, Inc.	Precast prestressed		1

FA 182	12-D	Randolph	Denny, Guard & Luckett Construction & Maintenance Company	Bridge deck	1	
FA 182	12-E	Randolph	Illinois Ben-Hur Construction Company	Deck plate girder superstructure		
FA 194	6-B	Winnebago	Shappert Engineering Company	Parallel WF-beams	2	
FA 194	6-F	Winnebago	Wendnagel & Company, Inc.	Fabrication		
FA 199	2-B	Rock Island	A. Olsen Construction Company	Parallel welded deck plate girders	2	
FAI 55	57-6B, 6VB-1	McLean	W. E. O'Neil Construction Company	Parallel continuous plate girders	2	
FAI 55	88B-NRH	Will	State Day Labor	Bridge repairs	1	
FAI 55	0202-602HB	Cook	Milburn Brothers, Inc.	Prestressed concrete I-beam		1
FAI 55	0707-613B	Cook	Arcole Midwest Corporation	Welded plate girders		2
FAI 55	0707-614B	Cook	Thomas M. Madden Company	Welded steel plate girder		1
FAI 55	0707-615B	Cook	Paschen Contractors, Inc.	Welded plate girder		1
FAI 55	0707-616B	Cook	E. J. Albrecht Company	Parallel plate girder & steel beams		2
FAI 57	10-31B-1	Champaign	Howell Asphalt Co. & General Paving Co., Inc.	Parallel concrete slabs	2	
FAI 57	18-20B	Cumberland	A. J. Walker Construction Company	Parallel RC deck girders	2	
FAI 57	25-6B-1	Effingham	H. H. Mass Construction Company	Parallel WF-beams		2
FAI 57	25-8B	Effingham	C. J. Moritz, Inc.	Parallel WF-beams	2	
FAI 57	28-1B	Franklin	Howell Construction Company	Parallel continuous WF-beams	2	
FAI 57	28-2B	Franklin	Culberson Construction Company, Inc.	Parallel continuous WF-beams	2	
FAI 57	28-5B	Franklin	Howell Asphalt Company	Parallel WF-beams	2	
FAI 57	41-1B-1	Jefferson	Tri-State Engineering Company	Parallel WF-beams		2
FAI 57	46-1B	Kankakee	Herlihy Mid-Continent Company	Parallel RC slabs	2	
FAI 57	77-1B	Pulaski	Howell Asphalt Company	Parallel WF-beams		2
FAI 57	77-1B-1	Pulaski	Howell Const. Co. & J. D. Barter Const. Co.	Parallel WF-beams	2	
FAI 57	77-1B-2	Pulaski	Howell Const. Co. & J. D. Barter Const. Co.	Parallel WF-beams	2	
FAI 70	26-3B-1(2)	Fayette	Neal Lentz Construction Company	WF-beam & plate girder		1
FAI 70	26-3B-2(2)	Fayette	C. J. Moritz, Inc.	WF-beam		1
FAI 74	92-11HB-1, 11-B	Vermillion	The Schless Construction Company, Inc.	Parallel deck plate girders	2	
FAI 74	92-11F	Vermillion	Allied Structural Steel Companies	Fabrication		
FAI 74	92-12B, 92-12HBB-1	Vermillion	O'Neil Brothers Construction Company	Parallel continuous welded plate girders	2	
FAI 74	92-12HB-4, 92-12B-1, 92-12VB	Vermillion	Culberson Construction Company, Inc.	Parallel continuous WF-beams	2	
FAI 74	92-12F-1, 92-12VF	Vermillion	Joseph T. Ryerson & Son, Inc.	Fabrication		
FAI 80	06-1B	Bureau	Eric Bolander Construction Company	Parallel continuous RC slabs	2	
FAI 80	06-1B-1	Bureau	Eric Bolander Construction Company	Parallel continuous RC slabs	2	
FAI 80	06-1B-3	Bureau	Joliet Bridge & Construction Company	Parallel WF-beams	2	
FAI 80	06-1F-3	Bureau	Wendnagel & Company, Inc.	Fabrication		
FAI 80	06(1, 1HB-1; 2, 2HB, 2-B, 2R-1)	Bureau	S. J. Groves & Sons Co. & Arcole Midwest Corporation	Precast beam, dual WF-beams	5	

CONSTRUCTION

TABLE 24.—Continued.
BRIDGES.—Continued.
STATE CONTRACTS.—Continued.

Route	Section	County	Contractor	Type of Construction	Number Completed 1963	Number Uncompleted
FAI 80	06-3B	Bureau	H. H. Mass Construction Company	Parallel continuous RC slabs.	2	---
FAI 80	06-4B	Bureau	Eric Bolander Construction Company	Parallel continuous WF-beams	2	---
FAI 80	06-4F	Bureau	Bennett Industries, Inc.	Fabrication	2	---
FAI 80	06-4B-1	Bureau	Ladd Const. Co. & Strunk Brothers Co.	Parallel continuous plate girders	2	---
FAI 80	06-4F-1	Bureau	Bethlehem Steel Company	Fabrication	2	---
FAI 80	06-7B-1, 7-VB	Bureau	Eric Bolander Construction Company	Parallel continuous WF-beams	2	---
FAI 80	37-1B-1	Henry	Shappert Engineering Company	Parallel precast prestressed concrete I-beams	2	---
FAI 80	37-1B-2	Henry	Ladd Construction Company	Parallel plate girders	2	---
FAI 80	81-37-2B	Rock Island-Henry	Shappert Engineering Company	Parallel plate girders	2	---
FAI 80	99-2B	Will	E. H. Marhofer, Jr., Company	Parallel RC slabs	2	---
FAI 80	99-3B	Will	Powers-Thompson Construction Company	Parallel bridge substructures	2	---
FAI 80	99-3F & E	Will	Vincennes Steel Division of Novo Industrial Corporation	Parallel WF-beams & truss superstructures	2	---
FAI 270	60-B	Madison	Massman Construction Company	Bridge substructure	---	---
FAI 270	60-1B	Madison	Fruin-Colnon Contracting Company	Bridge substructures	---	---
FAI 270	60-1E, 60-1F	Madison	American Bridge Division, U. S. Steel Corporation	Fabrication & erection of parallel truss & girders	2	---
FAI 270	60-411B, 4-B, 4B-1	Madison	Calhoun County Contracting Corporation	Precast concrete slab & parallel WF-beams	3	---
FAI 280	81-1-B1	Rock Island	Shappert Engineering Company	Parallel continuous RC deck girders	2	---
FAS 272, 289	42-G	Grundy	S. S. Viland Construction Company	Precast prestressed concrete slab	1	---
FAS 323	116-BR	Iroquois	Burnell G. Watson	WF-beam	1	---
FAS 413	34-B	Henderson	Princeville Stone Company	Precast prestressed concrete	1	---
FAS 432	64-G	Adams	Hollenbeak Construction Company	Continuous steel beam	1	---
FAS 481	57-B	McLean	West Construction Company	RC slab	1	---
FAS 518	38-Q	Champaign	General Paving Company, Inc.	RC slabs	2	---
FAS 565	54-Q, 22-Q	Logan-Menard	Shaw & Campbell, Inc.	RC slab	1	---
FAS 573	20-B	Menard	Caldwell Engineering Company	Precast prestressed concrete	4	---
FAS 603	37-B	Pike	Caldwell Engineering Company	Continuous WF-beam	1	---
FAS 686	43-B	Edgar	A. J. Walker Construction Company	Precast concrete slab	1	---
FAS 703	34-B	Cumberland	A. J. Walker Construction Company	Precast prestressed concrete deck	1	---
FAS 708	23-B, Q	Effingham	Mautz & Oren, Inc.	Precast concrete deck	1	---
FAS 711	22-B, Q	Effingham	Mt. Carmel Sand & Gravel Company	Precast concrete slab	1	---

CONSTRUCTION

FAS 749	24-G	Jersey	Madison Construction Company, Inc.	Continuous steel beam	1	---
FAS 788	31-B	Washington-Clinton	C & T Construction Company	Precast concrete slab	1	---
FAS 802	52-G	Richland	G. H. Allen, Inc.	Continuous steel WF-beam, precast prestressed concrete deck	2	---
FAS 805	67-B	Lawrence	G. H. Allen, Inc.	Precast prestressed concrete deck	1	---
FAS 860	22, 22-BR, 22B-1	Randolph	Pautler Brothers Contractors, Inc.	Precast concrete, timber trestle	2	---
FAS 864	2-Q	Perry	Bituminous Fuel & Oil Company	Continuous steel beam	1	---
FAS 902	(71, 29)B, 24-B	Saline-Hardin-Gallatin	C. J. Moritz, Inc.	Precast concrete slabs	2	---
FAS 924	28-G	Johnson	Dale Denny Construction Company	Precast concrete slab, continuous steel beam	2	---
FAS 929	25Q-2	Massac	B & T Construction Company	Precast concrete slabs	2	---
FAS 1272	46-G	Grundy	S. S. Viland Construction Company	Precast prestressed concrete deck	1	---
FAS 1471	100-B	McLean	West Construction Company	RC slab	1	---
FAS 1539	37-Q	Macon	Berry Const. Co. & C. E. Burgett Const. Co.	Continuous steel girder	1	---
FAS 1595	35-G	Mason	W. E. Markword Construction Company	Precast prestressed concrete deck	1	---
FAS 1701	40-B	Jasper	Mautz & Oren, Inc.	Continuous steel beam	1	---
FAS 1703	41-Q	Jasper	Huckaba & Sons Construction Company	Precast concrete slab	1	---
FAS 1714	43-Q	Fayette	C. J. Moritz, Inc.	Precast concrete slab	1	---
FAS 1736	31-G	Macoupin	Fresen Brothers, Inc.	Precast prestressed concrete deck	1	---
FAS 1930	21-Q	Pope	B & T Construction Company	Continuous steel beam	1	---
FAS 1935	83-BR	St. Clair	H. H. Hall Construction Company	Precast concrete deck	1	---
Art. 8	46-V, VB	Cook	Herlihy Mid-Continent Company	Fixed thru truss	1	---
CH 4	47-57	Iroquois	State Day Labor	Bridge repairs	1	---
CH 6	B-I	Piatt	State Day Labor	Bridge repairs	1	---
CH 7	O-I	DuPage	State Day Labor	Bridge repairs	1	---
CH 11	Z-I	Lake	State Day Labor	Bridge repairs	1	---
CH 14A	3-B	McHenry	Carl E. Soderquist & Sons, Inc.	Precast prestressed concrete WF-beam	1	---
CH 259	39-0404-V, VB	Cook	Herlihy Mid-Continent Company	Bridge repairs	1	---
SA 031	0505.2-1	Cook	State Day Labor	Bridge repairs	1	---
SA 5	8-B-NRS	Pulaski	State Day Labor	Bridge repairs	1	---
SA 9	20-F-D-I	Williamson	State Day Labor	Bridge repairs	1	---
SA 16	8-15d-I	Grundy	State Day Labor	Bridge repairs	1	---
SA 18	142-SDC	Cook	State Day Labor	Bridge repairs	1	---
SA 48	0101-15d-I	Cook	State Day Labor	Bridge repairs	1	---
SA 86	3144	Cook	State Day Labor	Bridge repairs	1	---
Dist. 2	Bridge Repairs 1963-2	Carroll	State Day Labor	Bridge repairs	1	---
Dist. 2	Bridge Repairs 1963-8	Whiteside	State Day Labor	Bridge repairs	1	---
Dist. 10	Bridge Sidewalk & Handrail Repairs 1962-2	Cook	Brighton Construction Company	Bridge repairs	1	---
Dist. 10	Bridge Sidewalk & Handrail Repairs 1962-3	Cook	Brighton Construction Company	Bridge repairs	1	---
Dist. 10	Bridge Sidewalk & Handrail Repairs 1962-4	Cook	Brighton Construction Company	Bridge repairs	3	---
Dist. 10	Bridge Repairs 1963-1	Cook	Brighton Construction Company	Bridge repairs	3	---
Dist. 10	Bridge Repairs 1963-3	Cook	Masonry Const. Corp., Great Lakes Con- tracting Co. Division	Bridge repairs	2	---
Dist. 10	Bridge Repairs 1963-4	Cook	Masonry Const. Corp., Great Lakes Con- tracting Co. Division	Bridge repairs	2	---

TABLE 24.—Continued.
BRIDGES.—Concluded.
STATE CONTRACTS.—Concluded.

Route	Section	County	Contractor	Type of Construction	Number Completed 1963	Number Uncom- pleted
Dist. 10	Bridge Repairs 1963-5	Cook	Brighton Construction Company	Bridge repairs	2	
Dist. 10	Bridge Repairs 1963-6	Cook	Masonry Const. Corp., Great Lakes Con- tracting Co. Division	Bridge repairs	3	
Dist. 10	Bridge Repairs 1963-8	Cook	Brighton Construction Company	Bridge repairs	2	
Dist. 10	Bridge Repairs 1963-10	Cook	Robert H. Ward, Inc.	Bridge repairs	2	
Dist. 10	Bridge Repairs 1963-11	Cook	Robert H. Ward, Inc.	Bridge repairs	2	
Dist. 10	Bridge Repairs 1963-12	Cook	Robert H. Ward, Inc.	Bridge repairs	2	
Dist. 10	Bridge Repairs 1963-13	Cook	Robert H. Ward, Inc.	Bridge repairs	4	
Total bridges in State contracts				(New Widened Repaired	113 7 79	44 0 24

COOK COUNTY CONTRACTS

FAI 55	207-1616, 6-CF	Cook	E. J. Albrecht Company	Parallel continuous WF-beams		2
Total new bridges in Cook County contracts					0	2
Grand total—Bridges, new					113	46
Grand total—Bridges, widened					7	0
Grand total—Bridges, repaired					79	24

GRADE SEPARATIONS.
STATE CONTRACTS.

Route	Section	County	Contractor	Type of Construction	Number Completed 1963	Number Uncom- pleted
SBI 1..41	X-8B	Massac	Triangle Construction Company	RR steel thru plate girder subway	1	
SBI 2	K-VB-I	LaSalle	State Day Labor	RR separation repairs		1

CONSTRUCTION

SBI 2	48-K & 48-HB	Macon	Berry Const. Co. & C. E. Burgett Const. Co.	Hwy. WF-beams	2	1
SBI 2	70V-1B-I	LaSalle	State Day Labor	RR separation repairs	1	1
SBI 3	95VB-I-1	Madison	A. H. Seebold Truck Service & Excavating Company	RR viaduct repairs	1	1
SBI 5	27-VB	JoDavless	Belvidere Construction Company	RR RC slab	1	1
SBI 9	2-SB	Vermilion	McCalman Construction Company	RR precast prestressed concrete box beam subway	1	1
SBI 9	48-ZVD-I	Peoria	State Day Labor	RR separation repairs	1	1
SBI 18	9(H, HB, SB)	Cook	Robert R. Anderson Company	Hwy. WF-composite beams, RR WF-beams	1	6
SBI 18	9-SF, HF	Cook	Allied Structural Steel Companies	Fabrication	1	1
SBI 22	13-DR	Will	State Day Labor	RR separation repairs	1	1
SBI 52	525-H-I	Cook	State Day Labor	Hwy. separation repairs	1	1
SBI 53	531-532RS	Cook	State Day Labor	Hwy. separation repairs	1	1
SBI 53	531-1, 531-1B-7, 531-1HB-5	Cook	The Standard Paving Company	Hwy. parallel WF-beams	2	1
SBI 53	531-1HF-5	Cook	Vierling Steel Works	Fabrication	1	1
SBI 53	531-1HB-8	Cook	Arcole Midwest Corporation	Hwy. parallel welded plate girder & WF-beams	2	1
SBI 53	531-1HF-8	Cook	Bethlehem Steel Company	Fabrication	1	1
SBI 53	531-2HB	Cook	Arcole Midwest Corporation	Hwy. continuous WF-beam	1	1
SBI 53	531-2HB-1	Cook	Arcole Midwest Corporation	Hwy. parallel continuous WF-beams	2	1
SBI 53	533-H-I	DuPage	Glaze Construction Company	Hwy. separation repairs	1	1
SBI 54	541-S & SB-2	Cook	J. M. Corbett Company	RR plate girder subway	1	1
SBI 54	541-SF-2	Cook	Allied Structural Steel Companies	Fabrication	1	1
SBI 58	583-I	Cook	State Day Labor	Hwy. separation repairs	1	1
SBI 70	111-VC-I	LaSalle	State Day Labor	RR separation repairs	1	1
SBI 78	134-SB	Fulton	Jansen & Schaefer, Inc.	RR plate girder subway	1	1
SBI 116	(101, 102)A-1, 102-K, 102HB-2(F, E, & D.)	Tazewell	R. A. Cullinan & Son, Inc. & Jansen & Schaefer, Inc.	Hwy. superstructure	1	1
FA 7	5-VB	Kane	E. M. Melahn Construction Company	RR WF-beam & plate girder	1	1
FA 10	13HB-3	Tazewell	R. A. Cullinan & Son, Inc.	Hwy. WF-beam	1	1
FA 10	13-VB	Tazewell	D. J. Mahoney Company	RR plate girder substructure	1	1
FA 10	13-V(F, E)	Tazewell	American Bridge Division, U. S. Steel Corporation	Fabrication & erection	1	1
FA 13	5-2VB-1, 5-2HB	Richland	Shaw Contractors & Builders	RR WF-beam	1	1
FA 13	5-2VB-2	Richland	Mautz & Oren, Inc.	Hwy. WF-beam	1	1
FA 14	28-1VB-I	St. Clair	State Day Labor	RR WF-beam	1	1
FA 25	4-HB	Christian	Culberson Construction Company, Inc.	RR separation repairs	1	1
FA 29	21(HB-2, SB)	Knox	H. H. Mass Construction Company	Hwy. WF-beam	1	1
FA 39	14HB-3-I	Champaign	State Day Labor	RR WF-beam subway	1	1
FA 94	1-VB-I	Bureau	State Day Labor	Hwy. separation repairs	1	1
FA 99	0202-2-I	Cook	State Day Labor	RR separation repairs	1	1
FA 99	0203-1-I	Cook	State Day Labor	Hwy. separation repairs	1	1
FA 99	0304-1-I	Cook	State Day Labor	Hwy. separation repairs	1	1
FA 99	0404-1-I	Cook	State Day Labor	Hwy. separation repairs	1	1
FA 99	0405-1-I	Cook	State Day Labor	Hwy. separation repairs	1	1
FA 99	0506-1-I	Cook	State Day Labor	Hwy. separation repairs	1	1
FA 99	1212-1-I	Cook	State Day Labor	Hwy. separation repairs	1	1
FA 122	2525-1-I	Cook	State Day Labor	RR separation repairs	1	1
FA 131	062-3738-1-I	Cook	State Day Labor	Hwy. separation repairs	1	1

CONSTRUCTION

TABLE 24.—Continued.
GRADE SEPARATIONS.—Continued.
STATE CONTRACTS.—Continued.

Route	Section	County	Contractor	Type of Construction	Number Completed 1963	Number Uncompleted
FAI 131	61-HB	Kane	James E. McElvain Company	Hwy. continuous WF-beam	---	1
FAI 132	5-VB-1	Madison	State Day Labor	RR separation repairs	---	1
FAI 133	0707-610HB	Cook	The Schless Construction Company, Inc.	Hwy. parallel WF-beams	---	2
FAI 133	0707-617VB	Cook	Orr Construction Company	RR parallel WF-beams	---	2
FAI 155	502-VB	Greene	Neal Lentz Construction Company	RR WF-beam	1	---
FAI 194	2-HB	Winnebago	Belvidere Construction Company	Hwy. WF-beam	1	---
FAI 194	2-HB-2, 2-HB-1	Winnebago	Belvidere Construction Company	Hwy. parallel WF-beams	4	---
FAI 194	4-HB	Winnebago	Belvidere Construction Company	Hwy. WF-beam	1	---
FAI 194	4-VB-1	Winnebago	Belvidere Construction Company	RR parallel WF-beams	2	---
FAI 196	84-3HB-5	Sangamon	Chism, Inc.	Hwy. plate girder	1	---
FAI 196	84-3HF-5	Sangamon	Mississippi Valley Structural Steel co.	Fabrication	---	---
FAI 199	1-HB-1	Rock Island	Belvidere Construction Company	Hwy. WF-beam	---	1
FAI 199	1-HB-2	Rock Island	J. L. Simmons Company, Inc.	Hwy. parallel WF-beams	2	---
FAI 199	1-VB	Rock Island	Shappert Engineering Company	RR WF-beam	1	---
FAI 199	2-HB	Rock Island	Shappert Engineering Company	Hwy. parallel RC slabs	2	---
FAI 55	(22-2HB-1)I-1	DuPage	State Day Labor	Hwy. separation repairs	1	---
FAI 55	57-4HB	McLean	Ben Harrison & Sons	Hwy. WF-beam	1	---
FAI 55	57-4HB-1	McLean	Valley Builders, Inc.	Hwy. WF-beam	---	1
FAI 55	57-4HB-4	McLean	West Construction Company	Hwy. parallel continuous WF-beams	---	---
FAI 55	57-4HF-4	McLean	Joseph T. Ryerson & Son, Inc.	Fabrication	2	---
FAI 55	57-5HB	McLean	Ben Harrison & Sons	Hwy. parallel WF-beams	2	---
FAI 55	57-5HB-1	McLean	West Construction Company	Hwy. WF-beam	1	---
FAI 55	57-5HB-2	McLean	West Construction Company	Hwy. parallel RC slabs	2	---
FAI 55	57-6B, 6VB-1	McLean	W. E. O'Neil Construction Company	RR parallel WF-beams	2	---
FAI 55	57-6HB-1, 6-VB	McLean	Howell Asphalt Company	Hwy. parallel WF-beams	2	---
FAI 55	57-6HF-1, 6-VF	McLean	Joseph T. Ryerson & Son, Inc.	RR parallel WF-beams	2	---
FAI 55	57-6HB-2	McLean	Howell Asphalt Company	Fabrication	1	---
FAI 55	57-6HB-3	McLean	Howell Asphalt Company	Hwy. WF-beam	2	---
FAI 55	57-6HB-4	McLean	Culberson Construction Company	RR parallel continuous WF-beams	---	2
FAI 55	57-6HBK	McLean	R. A. Cullinan & Son, Inc. & Hugh Boyle & Sons	Hwy. parallel WF-beams	---	2
FAI 55	57-7VB, 7-HB	McLean	Joliet Bridge & Construction Company	RR parallel WF-beams	---	2
FAI 55, 74	57-7, 7HB-2, 57-20, 20-HB, 20HB-1	McLean	Ladd Construction Co. & Strunk Brothers Company	Hwy. WF-beam	---	1
				Hwy. WF-beam & dual WF-beams	---	5

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FAI 55, FA 25	84-3HB-1, 8(X, RS-1)	Sangamon	S. J. Groves & Sons Company	Hwy. parallel WF-beams	2	
FAI 55	84-3HF-1	Sangamon	Bennett Industries, Inc.	Fabrication		
FAI 55	84-3SB-1	Sangamon	H. H. Mass Construction Company	RR thru plate girder subway	1	
FAI 55	84-3SF-1	Sangamon	Allied Structural Steel Company	Fabrication		
FAI 55	84-3-I, 84-3-I-SB	Sangamon	Fisher-Stoune, Inc.	RR plate girder subway	1	
FAI 55	84-3-I-SF	Sangamon	Bethlehem Steel Company	Fabrication		
FAI 55	99-2VB-R	Will	E. H. Swenson & Son, Inc.	RR separation repairs	1	
FAI 55	0101-601HB	Cook	Superior Concrete Construction Company	Hwy. WF-beam	1	
FAI 55	0101-601HF	Cook	Vierling Steel Works	Fabrication		
FAI 55	0202-602HB	Cook	Milburn Brothers, Inc.	Hwy. WF-beam	1	
FAI 55	0202-604HB	Cook	Milburn Brothers, Inc.	Hwy. WF-beam		
FAI 55	0203-632HBK	Cook	E. H. Swenson & Son, Inc.	Hwy. parallel WF-beams	1	
FAI 55	0404-674HB	Cook	Superior Concrete Construction Company	RR parallel WF-beams	2	
FAI 55	0505-607VB	Cook	Herlihy Mid-Continent Company	RR parallel WF-beams	2	
FAI 55	0707-608HB	Cook	Robert R. Anderson Company	Hwy. parallel WF-beams	2	
FAI 55	0707-611HB	Cook	Robert R. Anderson Company	Hwy. WF-beam	1	
FAI 55	1112-619HB	Cook	Thomas McQueen Company	Hwy. parallel welded plate girder & WF-beam		
FAI 55	1212-620VB	Cook	The Standard Paving Company	RR parallel WF-beams	2	
FAI 55	1313-622SB	Cook	Robert R. Anderson Company	RR parallel WF-beams	2	
FAI 55	1313-623SB	Cook	Kenny Construction Company of Illinois	RR plate girder subway	1	
FAI 55	1314-624HB	Cook	Superior Concrete Construction Company	RR thru girder subway	1	
FAI 55	1414-625HB	Cook	Arcole Midwest Corporation	Hwy. parallel welded plate girder	2	
FAI 57	10-30HB	Champaign	Howell Asphalt Co. & General Paving Co., Inc.	Hwy. parallel plate girder & WF-beam	2	
FAI 57	10-31HB	Champaign	Howell Asphalt Co. & General Paving Co., Inc.	Hwy. parallel continuous WF-beams	2	
FAI 57	10-31HB-1	Champaign	Howell Asphalt Co. & General Paving Co., Inc.	Hwy. continuous WF-beam	1	
FAI 57	10-31VB	Champaign	Howell Asphalt Co. & General Paving Co., Inc.	Hwy. WF-beam	1	
FAI 57	10-34HB	Champaign	Howell Asphalt Co. & General Paving Co., Inc.	RR parallel WF-beams	2	
FAI 57	15-22HB-3, 22-B	Coles	General Paving Co., Inc. & Howell Asphalt Co.	Hwy. continuous steel beam	1	
FAI 57	15-22HB-4	Coles	Howell Asphalt Company	Hwy. WF-beam	1	
FAI 57	15-22VB	Coles	Howell Asphalt Company	Hwy. parallel WF-beams	2	
FAI 57	18-1HB-1	Cumberland-Shelby	Mautz & Oren, Inc.	RR parallel WF-beams	1	
FAI 57	18-1HB-2	Cumberland	Culberson Construction Company, Inc.	Hwy. WF-beam	1	
FAI 57	18-1HB-3	Cumberland	Mautz & Oren, Inc.	Hwy. WF-beam	1	
FAI 57	18-1VB	Cumberland	A. J. Walker Construction Company	RR parallel WF-beams	2	
FAI 57	18-20HB	Cumberland	A. J. Walker Construction Company	Hwy. parallel WF-beams	2	
FAI 57	25-8HB-2	Effingham	C. J. Moritz, Inc.	Hwy. precast prestressed concrete I-beam with continuous RC slab		
FAI 57	25-8HB-3	Effingham	C. J. Moritz, Inc.	Hwy. WF-beam	1	
FAI 57	25-8HB-4	Effingham	Green Construction Company	Hwy. WF-beam	1	
FAI 57	28-1HB	Franklin	Tri-State Engineering Company	Hwy. continuous WF-beam	1	
FAI 57	28-1HB-2	Franklin	Culberson Construction Company, Inc.	Hwy. continuous WF-beam	1	
FAI 57	28-2HB-1	Franklin	Culberson Construction Company, Inc.	Hwy. continuous WF-beam	1	
FAI 57	28-2HB-3	Franklin	J. D. Barter Const. Co. & E. T. Simonds Const. Co.	Hwy. continuous WF-beam	1	
FAI 57	28-3HB	Franklin	Tri-State Engineering Company	Hwy. WF-beam	1	

CONSTRUCTION

TABLE 24.—Continued.
GRADE SEPARATIONS.—Continued.
STATE CONTRACTS.—Continued.

Route	Section	County	Contractor	Type of Construction	Number Completed 1963	Number Uncompleted
FAI 57, SBI 14	28-3HB-1 & 4-2	Franklin	E. T. Simonds Const. Co. & J. D. Barter Const. Co.	Hwy. WF-beam		1
FAI 57	28-3HB-3	Franklin	Culberson Construction Company, Inc.	Hwy. RC slab	1	
FAI 57	28-3SB	Franklin	J. D. Barter Const. Co. & Howell Const. Co.	RR plate girder subway	1	
FAI 57	28-3VB-1	Franklin	Howell Construction Company	RR parallel WF-beams	2	
FAI 57	28-5HB-1	Franklin	J. D. Barter Const. Co. & E. T. Simonds Const. Co.	Hwy. WF-beam	1	
FAI 57	28-5HF-1	Franklin	Joseph T. Ryerson & Son, Inc.	Fabrication		
FAI 57	28-5SB	Franklin	H. H. Mass Construction Company	RR steel deck plate girder subway		1
FAI 57	28-5VB	Franklin	Howell Asphalt Company	RR parallel continuous WF-beams	2	
FAI 57	28-5VF	Franklin	Joseph T. Ryerson & Son, Inc.	Fabrication		
FAI 57	41-1HB-2	Jefferson	Tri-State Engineering Company	Hwy. WF-beam		1
FAI 57	46-1HB-1	Kankakee	Herlihy Mid-Continent Company	Hwy. continuous RC deck girder	1	
FAI 57	46-1HB-2	Kankakee	E. H. Swenson & Son, Inc.	Hwy. continuous RC deck girder	1	
FAI 57	46-1HB-3	Kankakee	Valley Builders, Inc.	Hwy. continuous RC deck girder	1	
FAI 57	46-2HB	Kankakee	Superior Concrete Construction Co.	Hwy. parallel WF-beams	2	
FAI 57	46-2VB	Kankakee	Orr Construction Company	RR parallel WF-beams	2	
FAI 57	46-2(1)HB-1	Kankakee	Superior Concrete Construction Co.	Hwy. RC deck girder	1	
FAI 57	46-2(1)HB-2	Kankakee	Superior Concrete Construction Co.	Hwy. RC deck girder	1	
FAI 57	46-4HBK	Kankakee	Orr Construction Company	Hwy. WF-beam		
FAI 57	46-4HF	Kankakee	American Bridge Division, U. S. Steel Corporation	Fabrication	1	
FAI 57	77-1HB-1	Pulaski	Edgar Stephens & Sons Company	Hwy. continuous WF-beam	1	
FAI 57	77-1HB-2	Pulaski	Howell Asphalt Company	Hwy. parallel concrete deck girders		2
FAI 57	77-1VB	Pulaski	Howell Asphalt Company	RR parallel WF-beams		2
FAI 57	87-1HB-1	Shelby	Mautz & Oren, Inc.	Hwy. precast prestressed concrete I-beam	1	
FAI 64	82-4HB-1	St. Clair	Hoeffken Brothers, Inc.	Hwy. parallel WF-beams		2
FAI 70	26-3, 26-4, 26-3HB-4	Fayette	Parro Const. Corp. & Green Const. Co.	Hwy. WF-beam	1	
FAI 70	26-3HF-4	Fayette	Vierling Steel Works	Fabrication		
FAI 70	26-4HB-2	Fayette	A. J. Walker Construction Company	Hwy. WF-beam	1	
FAI 70	26-4HB-3	Fayette	Culberson Construction Company, Inc.	Hwy. WF-beam	1	
FAI 70	26-5, 26-5HB-2	Fayette	Parro Const. Corp. & Green Const. Co.	Hwy. WF-beam	1	
FAI 70	60-12HB	Madison	Hoeffken Brothers, Inc.	Hwy. WF-beam	1	
FAI 70	60-12HB-1	Madison	Hoeffken Brothers, Inc.	Hwy. continuous WF-beam		1

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FAI 70	60-13HB	Madison	Gorman & Sons, Inc.	Hwy. WF-beam	1
FAI 70	60-13HB-1	Madison	Gorman & Sons, Inc.	Hwy. continuous WF-beam	1
FAI 74	48-16HB-4	Knox	R. A. Cullinan & Son, Inc., Sweborg Const. Co. & Swords & Dietz	Hwy. parallel WF-beams	2
FAI 74	48-26HB-5	Knox	Sweborg Const. Co. & Swords & Dietz	Hwy. WF-beam	1
FAI 74	48-26HVB	Knox	Sweborg Const. Co. & Swords & Dietz	RR parallel WF-beams	2
FAI 74	48-26VB	Knox	H. H. Mass Construction Company	RR parallel WF-beams	2
FAI 74	48-27HB	Knox	Sweborg Const. Co. & Swords & Dietz	Hwy. parallel continuous steel WF-beams	2
FAI 74	48-27HF	Knox	Wendnagel & Company, Inc.	Fabrication	2
FAI 74	48-27A, 27HB-1, 27-SB	Knox	McCann & Company, Inc.	Hwy. continuous WF-beam	1
FAI 74	48-27HF-1, 27-SF	Knox	Bethlehem Steel Company	RR steel thru girder subway	1
FAI 74	48-27HB-2	Knox	Sweborg Const. Co. & Swords & Dietz	Hwy. continuous RC deck girder	1
FAI 74	48-27HB-5	Knox	H. H. Mass Construction Company	Hwy. parallel RC slabs	2
FAI 74	48-27HB-6	Knox	Sweborg Const. Co. & Swords & Dietz	Hwy. continuous WF-beam	1
FAI 74	57-19HB	McLean	R. A. Cullinan & Son, Inc.	Hwy. WF-beam	1
FAI 74	57-20HB-2	McLean	West Construction Company	Hwy. WF-beam	1
FAI 74	57-20SB & 57-20HB-3	McLean	Valley Builders, Inc.	RR plate girder	1
FAI 74	72-5B, 5HB-3	Peoria	Jansen & Schaefer, Inc.	Hwy. parallel WF-beams	2
FAI 74	72-5HB	Peoria	Princeville Stone Co. & Abingdon Rock Co., Inc.	Hwy. continuous WF-beam	1
FAI 74	72-5HF	Peoria	Joseph T. Ryerson & Son, Inc.	Hwy. WF-beam	1
FAI 74	72-5HB-1	Peoria	McDougal-Hartmann Company	Fabrication	1
FAI 74	72-5HB-2	Peoria	Jansen & Schaefer, Inc.	Hwy. WF-beam	1
FAI 74	72-6A, 6-B, 6-VB	Peoria	Sangamo Construction Company	RR parallel WF-beams	2
FAI 74	72-7HB, 38-1-1B	Peoria	McDougal-Hartmann Company	Hwy. WF-beam	1
FAI 74	72-7HF, 38-1-1F	Peoria	Joseph T. Ryerson & Son, Inc.	Fabrication	1
FAI 74	72-7HB-1	Peoria	McDougal-Hartmann Company	Hwy. WF-beam	1
FAI 74	72-7HF-1	Peoria	Wendnagel & Company, Inc.	Fabrication	1
FAI 74	72-7, 7HB-2, 7HB-3, 7-1, 7HB-4	Peoria	McDougal-Hartmann Company	Hwy. WF-beams	3
FAI 74	72-8, 8-HB, 8HB-1, 8HB-4, 8HB-5	Peoria	McDougal-Hartmann Company	Hwy. continuous steel WF-beams	4
FAI 74	72-SHF, 1, 4, 5	Peoria	Wendnagel & Company, Inc.	Fabrication	1
FAI 74	92-11HB-1, 11-B	Vermillion	The Schless Construction Company, Inc.	Hwy. RC deck girder	1
FAI 74	92-11HB-3	Vermillion	O'Neil Brothers Construction Company	Hwy. WF-beams	2
FAI 74	92-11HB-4, 11VB-1	Vermillion	O'Neil Brothers Construction Company	Hwy. WF-beam	1
FAI 74	92-11HB-5	Vermillion	O'Neil Brothers Construction Company	RR parallel WF-beams	2
FAI 74	92-11SB	Vermillion	Culberson Construction Company, Inc.	Hwy. WF-beam	1
FAI 74	92-11VB	Vermillion	O'Neil Brothers Construction Company	RR plate girder subway	1
FAI 74	92-12HB-2	Vermillion	McCalm Construction Company	RR parallel WF-beams	2
FAI 74	92-12HF-2	Vermillion	Vincennes Steel Division, Novo Industrial Corporation	Hwy. continuous WF-beam	1
FAI 74	92-12, 92-12HB-3	Vermillion	S. J. Groves & Sons Co. & McCalm Const. Co.	Fabrication	1
FAI 74	92-12HB-4, 92-12B-1, 92-12VB	Vermillion	Culberson Construction Company, Inc.	Hwy. WF-beam	1
FAI 74		Vermillion	Culberson Construction Company, Inc.	Hwy. parallel continuous RC deck girders	2

CONSTRUCTION

TABLE 24.—Continued.
GRADE SEPARATIONS.—Continued.
STATE CONTRACTS.—Concluded.

Route	Section	County	Contractor	Type of Construction	Number Completed 1963	Number Uncompleted
FAI 74	92-12F-1, 92-12VF	Vermilion	Joseph T. Ryerson & Son, Inc.	RR parallel continuous WF-beams	2	---
FAI 74	92-12HB-5	Vermilion	Culberson Construction Company, Inc.	Hwy. continuous RC deck girder	1	---
FAI 74	92-12VB-1	Vermilion	O'Neil Brothers Construction Company	RR parallel WF-beams	2	---
FAI 80	06-1HB	Bureau	Eric Bolander Construction Company	Hwy. WF-beam	1	---
FAI 80	06-1HF	Bureau	Wendnagel & Company, Inc.	Fabrication	---	---
FAI 80	06(1, 1HB-1; 2, 2HB, 2B, 2B-1)	Bureau	S. J. Groves & Sons Co. & Arcole Midwest Corporation	Hwy. WF-beams	2	---
FAI 80	06-1HB-2	Bureau	Ryan, Inc.	Hwy. WF-beam	1	---
FAI 80	06-2HB-1	Bureau	Ladd Const. Co. & Strunk Brothers Co.	Hwy. WF-beam	1	---
FAI 80	06-2HF-1	Bureau	American Bridge Division, U. S. Steel Corp.	Fabrication	---	---
FAI 80	06-2SB	Bureau	Ladd Const. Co. & Strunk Brothers Co.	RR plate girder subway	1	---
FAI 80	06-2SF	Bureau	Bethlehem Steel Company	Fabrication	1	---
FAI 80	06-3HB	Bureau	Valley Builders, Inc.	Hwy. WF-beam	1	---
FAI 80	06-3, 06-3HB-1	Bureau	The Standard Paving Company	Hwy. WF-beam	1	---
FAI 80	06-4HB	Bureau	Ladd Const. Co. & Strunk Brothers Co.	Hwy. continuous WF-beam	1	---
FAI 80	06-4, 06-4HB-1	Bureau	The Standard Paving Company	Hwy. WF-beam	1	---
FAI 80	06-5HB	Bureau	Ladd Const. Co. & Strunk Brothers Co.	Hwy. WF-beam	1	---
FAI 80	06-6HB	Bureau	Azzarelli Const. Co. & Burnell G. Watson	Hwy. continuous WF-beam	1	---
FAI 80	06-6, 6HB-1	Bureau	The Standard Paving Company	Hwy. continuous WF-beam	1	---
FAI 80	06-6HB-2	Bureau	Azzarelli Const. Co. & Burnell G. Watson	Hwy. continuous WF-beam	1	---
FAI 80	06-7B	Bureau	Eric Bolander Construction Company	Hwy. continuous WF-beams	2	---
FAI 80	06-7B-1, 7-VB	Bureau	Eric Bolander Construction Company	RR parallel WF-beams	2	---
FAI 80	06-7HB	Bureau	Ladd Const. Co. & Strunk Brothers Co.	Hwy. WF-beam	1	---
FAI 80	06-7HB-1	Bureau	Ladd Const. Co. & Strunk Brothers Co.	Hwy. WF-beam	1	---
FAI 80	37-1HB-1	Henry	Ladd Construction Company	Hwy. WF-beam	---	1
FAI 80	37-1HB-2	Henry	H. H. Mass Construction Company	Hwy. WF-beam	---	1
FAI 80	37-1VB	Henry	Shappert Engineering Company	RR parallel WF-beams	---	2
FAI 80	99-2HB-1	Will	E. H. Swenson & Son, Inc.	Hwy. WF-beam	1	---
FAI 80	99-2HB-3	Will	Powers-Thompson Construction Company	Hwy. steel WF-beam	---	1
FAI 80	99-2HB-4	Will	Powers-Thompson Construction Company	Hwy. parallel continuous steel WF-beams	2	---
FAI 80	1414-802HB	Cook	I. C. Harbour Construction Company	Hwy. WF-beam	1	---
FAI 80	1414-802HF	Cook	Wendnagel & Company, Inc.	Fabrication	---	---
FAI 80	1415-803HB	Cook	Krug Excavating Company	Hwy. continuous WF-beam	1	---
FAI 80	1415-803HF	Cook	Wendnagel & Company, Inc.	Fabrication	---	---
FAI 80	2425-711BR	Cook	Thomas McQueen Company	Hwy. WF-beam super-structure	1	---
FAI 90	22-3HB, 22-3HB-1	DuPage	Superior Concrete Construction Company	Hwy. parallel WF-beams	2	---

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FAI 270	60-2VHB	Madison	S. J. Groves & Sons Company	RR parallel WF-beams	2	
FAI 270	60-4HB, 4-B, 4B-1	Madison	Calhoun County Contracting Corporation	Hwy. WF-beam	1	
FAI 270	60-4HB-1	Madison	McCann & Company, Inc.	Hwy. parallel continuous WF-beams	2	
FAI 270	60-4HF-1	Madison	Vincennes Steel Division, Novo Industrial Corporation	Fabrication	1	
FAI 270	60-4HB-2	Madison	S. J. Groves & Sons Company	Hwy. WF-beam	1	
FAI 270	60-4SB	Madison	Calhoun County Contracting Corporation	RR steel girder & timber trestle subway	1	
FAI 270	60-4VB-1	Madison	Calhoun County Contracting Corporation	RR parallel WF-beams	2	
FAI 270	60-5HB	Madison	McCann & Company, Inc.	Hwy. WF-beam	1	
FAI 270	60-5HB-1	Madison	Hoeffken Brothers, Inc.	Hwy. parallel WF-beams	2	
FAI 280	81-1HB	Rock Island	Shappert Engineering Company	Hwy. parallel WF-beam & plate girder	2	
FAI 280	81-1HB-1	Rock Island	Shappert Engineering Company	Hwy. parallel RC deck girders	2	
FAI 280	81-1VB	Rock Island	J. L. Simmons Company, Inc.	Parallel RR WF-beams	2	
FAS 116	110-1415	Cook	Thomas McQueen Company	RR thru plate girder subway, Hwy. precast prestressed concrete beams	1	
FAS 1305	79R-VB	Kankakee	Powers-Thompson Construction Company	RR WF-beam	3	
FAS 1395	79R-VF	Kankakee	Wendnagel & Company, Inc.	Fabrication	1	
SA 3A	52-V-15d-I	Madison	State Day Labor	RR separation repairs	1	
Senate Bill 749	3, 3-VB, 3VB-1	Whiteside	H. H. Mass Construction Company	RR continuous WF-beams	2	
SA 7	0409	Cook	State Day Labor	Hwy. separation repairs	1	
SA 19	54-V-E-NRM-I	St. Clair	State Day Labor	RR viaduct repairs	1	
SA 119	6810-Y-1-I	Cook	State Day Labor	Hwy. separation repairs	1	
Dist. 2	Bridge Repairs 1963-3	Winnebago	State Day Labor	Hwy. separation repairs	1	
Dist. 2	Bridge Repairs 1963-4	Winnebago	State Day Labor	RR separation repairs	1	
Dist. 10	Bridge Sidewalk & Handrail Repair 1962-3	Cook	Brighton Construction Company	RR separation repairs	2	
Dist. 10	Bridge Repairs 1963-2	Cook	George D. Hardin, Inc.	RR separation repairs	1	
Dist. 10	Bridge Repairs 1963-4	Cook	Masonry Const. Corp., Great Lakes Contracting Co., Division	RR separation repairs	1	
Dist. 10	Bridge Repairs 1963-5	Cook	Brighton Construction Company	RR separation repairs	1	
Dist. 10	Bridge Repairs 1963-7	Cook	Brighton Construction Company	Hwy. separation repairs	1	
Dist. 10	Bridge Repairs 1963-9	Cook	Brighton Construction Company	RR separation repairs	1	
Total State contracts for					124	75
					14	4
					43	40
					10	11

TABLE 24.—Continued.
GRADE SEPARATIONS.—Concluded.
CITY OF CHICAGO CONTRACTS.

Route	Section	County	Contractor	Type of Construction	Number Completed 1963	Number Uncom- pleted
FAI 55	SW-1717.2-1B	Cook	J. M. Corbett Company	Hwy. WF-beam		1

Total City of Chicago contracts for Highway grade separations					0	1
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COOK COUNTY CONTRACTS.

FAI 55	207-1616.7-CF	Cook	Michael J. McDermott Company	Dual hwy. continuous WF-beams		2
FAI 55	207-1616.9-CF	Cook	William A. Randolph, Inc.	Dual hwy. continuous WF-beams		2
FAI 57	068-2122-CF	Cook	W. J. Sheppard & Company	Hwy. continuous WF-beam		1
FAI 57	068-2222.3-CF	Cook	Arcole Midwest Corporation	Hwy. continuous WF-beam		1
FAI 57	068-2223-CF	Cook	Krug Excavating Company	Hwy. continuous WF & RC deck	1	
FAI 57	068-2323.8-CF	Cook	Herlihy Mid-Continent Company	RR prestressed concrete box girder	1	
FAI 57	068-2323.9-CF	Cook	W. J. Sheppard Company	Hwy. continuous WF & RC deck	1	

Total Cook County contracts for					2	6
{ Highway grade separations					1	0
{ Railroad grade separations						

Grand total—Highway grade separations					126	82
Grand total—Highway grade separation repairs					14	4
Grand total—Railroad grade separations					44	40
Grand total—Railroad grade separation repairs					10	11

BRIDGE PAINTING.
STATE CONTRACTS.

Route or District	Section	County	Contractor	Number Completed 1963	Number Uncom- pleted
FA 182	12-P	Randolph	D. J. Vessens Company, Inc.	1	
Dist. 1	Painting 1963-1	DuPage-DeKalb	Northwestern Industries, Inc.	3	
Dist. 2	Painting 1963-1	Winnebago-Henry-Whiteside-Lee	G. B. Charnas Company	14	
Dist. 3	Painting 1963-1	Grundy-Kankakee-Iroquois-Ford-LaSalle	Universal Structural Painting Corpora- tion	8	

Dist. 4.....	Painting 1963-1.....	Fulton-Peoria-Stark-Tazewell-Woodford.....	G. B. Charnas Company.....	6	-----
Dist. 6.....	Painting 1963-1.....	Logan-Morgan-Sangamon.....	C & G Painting Corporation.....	7	-----
Dist. 7.....	Painting 1963-1.....	Effingham-Marion-Shelby.....	D. J. Vessens Company, Inc.....	5	-----
Dist. 8.....	Painting 1963-1.....	Bond-Madison-St. Clair.....	D. J. Vessens Company, Inc.....	6	-----
Dist. 9.....	Painting 1963-1.....	Various.....	C & G Painting Corporation.....	12	-----
Dist. 10.....	Expressway.....				
	Painting 1963-2.....	Cook.....	Universal Structural Painting Corpora- tion.....	1	16
Dist. 10.....	Painting 1963-1.....	Cook.....	Roseland Painting & Decorating Com- pany, Inc.....	1	6
Total bridges painted.....				64	22

MISCELLANEOUS.
STATE CONTRACTS.

Route or District	Section	County	Contractor	Type of Construction	Per Cent Completed 1963	Per Cent Uncom- pleted
SBI 1.....	3Z-TS.....	White.....	Kenneth L. Sullivan.....	Modification of traffic control system.....	100	-----
SBI 1	Spur.....					
SBI 1.....	26-I.....	Vermilion.....	State Day Labor.....	Metal handrail.....	-----	100
SBI 1.....	42-TS.....	Saline.....	Sullivan Electric.....	Traffic signals.....	100	-----
SBI 1.....	(34, 35, 36) Y.....	Johnson.....	Mitchell Contracting Company.....	Shoulder & ditch widening.....	10	0
SBI 1.....	161-Y-1, RS.....	Cook.....	Peter J. Crowley Company.....	Intersection improvement.....	100	-----
SBI 1.....	I-15d-1.....	Iroquois.....	State Day Labor.....	Repair expansion joint.....	-----	100
SBI 2.....	69-I.....	LaSalle.....	State Day Labor.....	Handrail replacement.....	100	-----
SBI 2.....	70-C1-I.....	LaSalle.....	Allied Structural Steel Company.....	Replacement of counter- weight cables.....	100	-----
SBI 4.....	11X-1(I).....	Livingston.....	Johnston Roadbuilders, Inc. & Trico Paving, Inc.....	Access road surfacing.....	30	70
SBI 4A.....	4AY-NRM-2-W.....	Cook.....	State Wrecking Company, Inc.....	Building removal.....	100	-----
SBI 5.....	7Y-T.....	Cook.....	Lakeland Construction Company, Inc.....	Storm sewers.....	100	-----
SBI 5.....	(14)L.....	Boone.....	B & F Hi-Line Construction Corp.....	Highway lighting.....	100	-----
SBI 5.....	18-I.....	Stephenson.....	Freeport Blacktop Construction Co.....	PCC on frontage road.....	100	-----
SBI 6.....	(CY & JY) I.....	DuPage.....	State Day Labor.....	Intersection improvement.....	100	-----
SBI 6, 21.....	1963-2R.....	Cook.....	J-P Construction Company.....	Underpass reconstruction.....	-----	100
SBI 8.....	11-I.....	Peoria.....	State Day Labor.....	Incidental construction.....	10	0
SBI 8.....	30-I.....	Woodford-McLean.....	Johnston Roadbuilders, Inc.....	Resurfacing of parking lanes & street returns.....	5	0
SBI 8.....	36-HL.....	Tazewell.....	J. F. Edwards Construction Co.....	Highway lighting system.....	100	-----
SBI 8.....	40-T.....	Knox.....	Gunther Construction Company.....	Storm sewers, shoulder & ditch grading.....	100	-----
SBI 9.....	5-I.....	Woodford.....	State Day Labor.....	Stone shoulders & curb & gutter.....	100	-----
SBI 9.....	17-I.....	Ford.....	State Day Labor.....	Handrail replacement.....	70	30
SBI 9.....	21-B-I.....	Ford.....	State Day Labor.....	Handrail replacement.....	100	-----
SBI 9.....	33-HL.....	McDonough.....	J. F. Edwards Construction Co.....	Highway lighting system.....	100	-----
SBI 10.....	A, 33, 37(X, RS) 2.....	Morgan.....	Caldwell Engineering Company.....	Intersection improvement.....	100	-----

CONSTRUCTION

TABLE 24.—Continued.
MISCELLANEOUS.—Continued.
STATE CONTRACTS.—Continued.

Route or District	Section	County	Contractor	Type of Construction	Per Cent Completed 1963	Per Cent Uncom-pleted
SBI 11--	QZ-I	Bond	Keeley Brothers Contracting Co.	Intersection improvement	100	---
SBI 12, 25, 130--	6-I, 11-I, (10, 11)I, (124, 125, 126)I	Various	State Day Labor	Ditch cleaning	70	30
SBI 17--	21-I	Kankakee	State Day Labor	Reconstruct concrete walk	100	---
SBI 18--	9--	Cook	Orfei Construction Company	Watermain & storm sewers	3	0
SBI 18--	9-L	Cook	A. A. Electric Company	Highway lighting system	35	65
SBI 18--	9-SG, 9-SG-1	Cook	National Advertising Company	Traffic signs	5	95
SBI 18--	9-TS	Cook	A. A. Electric Company	Traffic signals	100	---
SBI 18--	9-TS-1	Cook	A. A. Electric Company	Traffic signals	---	100
SBI 20--	(G & 16)I	Lake	State Day Labor	Shoulder treatment	100	---
SBI 20--	14-Y	McHenry	Suburban Oil Company	I-11 on passing lanes	---	100
SBI 22--	(OR)L	Kane	Virgil Cook & Son, Inc.	Highway lighting	100	---
SBI 22, 42	20 & Y(I) & E-RS, M-RS	Lake	State Day Labor	Shoulder surfacing	---	100
SBI 25--	37RS-I	Iroquois	State Day Labor	Culvert replacement	100	---
SBI 29--	11-I	Peoria	Clark Brothers, Inc.	PCC pavement & curb & gutter	95	5
SBI 31--	22(W & RS)	Fulton	Clark Brothers, Inc.	Intersection improvement	---	100
SBI 34--	7-B-I-1	Pope	State Day Labor	Temporary bridge	100	---
SBI 37--	1(W, RS)	Jefferson	Jefferson Asphalt Company	RR crossing improvement	---	100
SBI 42--	E-I	Lake	State Day Labor	Footbridge	100	---
SBI 46--	464-Y-2	Cook	J. M. Corbett Company	Intersection improvement	100	---
SBI 46, 6	464-Y-2-TS	Cook	Wood Electrical Construction, Inc.	Modify existing traffic control system	100	---
SBI 46--	465-YRS-I	Cook	State Day Labor	Sidewalk repairs	100	---
SBI 47--	104--	McHenry	State Day Labor	Handrail repairs	100	---
SBI 48--	130-TS	Macon	Frank Hubbard Electric Company	Traffic signals	100	---
SBI 50--	50-Y-1-R-Ext.	Cook	Leininger Construction Company	Intersection improvement	---	100
SBI 50--	3068-BR	Cook	Kenny Construction Company of Illinois	Bridge pier reconstruction and channel change	20	80
SBI 50--	3068-NRM-2-Z-Y-TS	Cook	Contracting & Material Company	Reconstruction of existing traffic control system	100	---
SBI 53--	531-1-TS	Cook	A. A. Electric Company	Traffic signals	100	---
SBI 53--	531-1-W	Cook	C. S. Ehinger	Building removal	95	0
SBI 53--	531-2-I	Cook	Flynn Fence & Supply Company	Fencing	---	100
SBI 53--	535-B-7	Will	Allied Structural Steel Company	Repairs to bridge operating machinery	95	0
SBI 53--	3277-Z-T	Cook	John Doherty Company	Storm sewers	100	---
SBI 53--	3277-Z-Y-1-TS	Cook	Wood Electrical Construction, Inc.	Traffic signals	---	100
SBI 54--	541-S-2-TS	Cook	Wood Electrical Construction, Inc.	Modify existing traffic control system	35	65

CONSTRUCTION

SBI 54	543-AC	DuPage	R. W. Duntzman Company	Frontage road	100	
SBI 55	1962-14RS	Cook	The Standard Paving Company	Colorphalt surfacing	100	
SBI 59	(112, 113)L	DuPage	B & F Hi-Line Construction Corp.	Highway lighting	100	
SBI 60	B-119-Y-(TS, L)	Cook	Contracting & Material Company	Traffic signals & highway lighting	100	
SBI 60	B-119-W	Cook	Bongi Cartage Consolidated, Inc.	Building removal	85	0
SBI 60	SY-1-I	Lake	State Day Labor	Intersection improvement	100	100
SBI 60	ZRY-Ext., Z-R 1-LS	Cook	Otto Damgaard	Landscaping	40	60
SBI 60	60C-NKM-1-I	Cook	State Day Labor	Sidewalk repairs		100
SBI 64	(130, 131)RS-1-2	DuPage	Arrow Road Construction Company	Reconstruction of side road entrances	100	
SBI 64, FA 131	130-I-2, 59-I	DuPage	State Day Labor	Seal coat on frontage roads	100	
SBI 68	(124, 124X)I, 124B-I	Lake	Lakeland Construction Co., Inc.	Median grading	100	
SBI 68	125X-I-I	Lake	Skokie Valley Asphalt Co., Inc.	B-5 on frontage roads	100	
SBI 71	116R-2-I	DeKalb	Stahl Construction Company	Intersection improvement	100	
SBI 72	127S-I	DeKalb	Zimmerman & Kahler, Inc.	Concrete cribwalls	100	
SBI 78	140B-I	Mason-Fulton	D. J. Mahoney Company	Bridge deck sealant	45	0
SBI 96	(124, 125, 126, 127)I	Adams-Hancock	Coggeshall Construction Company	Gravel or crushed stone shoulders	100	
SBI 100	112-I	Schuyler	Coggeshall Construction Company	Shoulder widening	100	
SBI 104	(121, 122)I	Brown	State Day Labor	Gravel shoulders	100	
SBI 105	(107, 108)I	Pike	State Day Labor	Fill slopes, culvert extension, misc.	100	
SBI 119	113S-I	Champaign	State Day Labor	Guard rail	100	
SBI 120	115-B-I	Platt	State Day Labor	Remove & replace handrail	100	
SBI 121	103-1IL	Peoria-Tazewell	J. C. Schaefer Electric, Inc.	Highway lighting	95	0
SBI 121	135B-I	Macon	State Day Labor	Handrail replacement	90	10
SBI 146	112A-3	Pope	State Day Labor	Paved ditches	100	
SBI 148, 149	(126, 127)I, 107-I	Franklin	State Day Labor	Concrete patching	100	
SBI 157	118-H-I	Madison	State Day Labor	Replace handrail	100	
SBI 161	122-I	St. Clair	Cardinal Construction Company	Pipe culvert	100	
SBI 176	146B-R-I	McHenry	State Day Labor	Resurfacing of frontage road	100	
FA 2	1-1IL	Winnebago	Cecil B. Wood, Inc.	Highway lighting	100	
FA 2	1-1DM	Winnebago	Gregory-Anderson Company	Building removal	98	2
FA 5	2-TS-1	McLean	Dean Berenz Asphalt Company, Inc.	Modification of existing traffic control system	10	0
FA 5	(9R, 9R-2)TS	Livingston	Aldridge Electric, Inc.	Traffic signals	100	
FA 5	16R-TS	McLean	D & H Electric & Heating Company	Traffic signals	95	5
FA 5, 169, SBI 4	23X-2TS-1, 15TS-2, G-TS	Logan-Sangamon	Champaign Asphalt Company	Traffic signals	100	
FA 5	103-1	Sangamon	Sankey Brothers, Inc.	Channelization	100	
FA 5, SBI 12	110X-5-TS, 23X-2TS	Sangamon-Logan	Champaign Asphalt Company	Rehabilitation of traffic signals	100	
FA 5	1952-1-TS	Livingston-McLean	Frank Hubbard Electric Company	Modification of traffic control systems	100	
FA 6	SR-L	Kane-Cook	J. F. Edwards Construction Co.	Highway lighting system	100	
FA 7	17R-1VB-I	Whiteside	State Day Labor	Guard rail	100	
FA 12	AX-I	Clark	State Day Labor	Approach slab for weigh station	100	

CONSTRUCTION

TABLE 24.—Continued.
MISCELLANEOUS.—Continued.
STATE CONTRACTS.—Continued.

Route or District	Section	County	Contractor	Type of Construction	Per Cent Completed 1963	Per Cent Uncompleted
FA 12	(BX-1-TS-1, DX-TS, FX-TS-1)-I	Clark-Cumberland	Frank Hubbard Electric Company	Traffic signals	100	---
FA 12	Q-1-I-1	Bond	Clark Brothers, Inc.	Skid & rumble resurfacing	80	20
FA 12	28-1-TS	St. Clair-Madison	Rite Electric Company	Traffic signals	10	90
FA 13	51-23HL	Lawrence	Frank Hubbard Electric Company	Highway lighting system	60	0
FA 13	(51-23, 51-24)SG	Lawrence	National Advertising Company	Traffic signs	100	---
FA 13	(51-23, 51-24)LS	Lawrence	Otto Damgaard	Landscaping	70	30
FA 14	(26, 27)LS	St. Clair	Nollau Nurseries, Inc.	Landscaping	---	100
FA 14	28-LS	St. Clair	Central Landscaping, Inc.	Landscaping	---	100
FA 14	28-LS-1	St. Clair	Nollau Nurseries, Inc.	Landscaping	---	100
FA 14	28-1K	St. Clair	Illinois-Weber, Contractor, Inc.	Intersection improvement	30	70
FA 14	29-1-TS	St. Clair	R. Dron Electrical Company, Inc.	Traffic signals	100	---
FA 17	51-Z-I	Coles	State Day Labor	Paved street return	100	---
FA 31	(117-4, RS)	Peoria	McDougal-Hartmann Co. & Seneca Petroleum Co., Inc.	Widening & colorphalt surfacing	100	---
FA 42	3128-Z-L	Cook	Contracting & Material Company	Highway lighting system	100	---
FA 73	(106X)I	Tazewell	Seneca Petroleum Company, Inc.	Stabilized shoulders	100	---
FA 122	0303-751-I	Cook	Orr Construction Company	Intersection improvement	100	---
FA 122	0506-R	Cook	J-P Construction Company	Pavement reconstruction	100	---
FA 125	035-1212-15d-Z-R	Cook	James McHugh Construction Co.	Bridge reconstruction	100	100
FA 128	1(W, RS)-I	Clinton	Arrow Road Construction Company	Colorphalt surfacing	100	---
FA 132	1-LS	Madison	Nollau Nurseries, Inc.	Landscaping	15	0
FA 135	74-69-I	Piatt	State Day Labor	Concrete gutter	100	---
FA 142	1-I	Mason	State Day Labor	Shoulder stone	100	---
FA 153	(9, 10)I	Brown-Schuyler	State Day Labor	Base strengthening & seal coat	90	10
FA 153	11-I	Schuyler	State Day Labor	Seal coat	10	90
FA 155	1-B-I	Greene	McCann & Company, Inc.	Culvert repairs	100	---
FA 169	(17, 28)TS & 15TS-1	Sangamon	Champaign Asphalt Company	Traffic signals	50	0
FA 199	1-DM	Rock Island	Valley Construction Company	Building removal	---	100
FAI 55	0107-658SG	Cook	National Advertising Company	Traffic signs	---	100
FAI 55	0507-635-I	Cook	Krug Excavating Co., Lindahl Brothers, Thomas M. Madden Co., Palumbo Excavating Co.	Relocation of Des Plaines River & Factory Ditch	100	---
FAI 55, FA 133	0707-(616-I, 626-I)	Cook	James McHugh Construction Company	Pier protection cells	50	50
FAI 55	(22-1 & 2)LS, (207-0101)LS	DuPage-Cook	Leesley Nurseries, Inc.	Landscaping	80	0
FAI 55	(22-2HB-1)I	DuPage	Black Top Roads Company	Bituminous surfaced median	100	---
FAI 55	(22-2HB-1)LS	DuPage	State Day Labor	Re-landscaping	20	80

CONSTRUCTION

FAI 55--	(22-2 & 99-1)ACR-1, (29R-2AC)RS	Will-DuPage	Materials Paving Company	Frontage road resurfacing	100	-----
FAI 55--	57-4	McLean	J. P. Wetherby Construction Corp.	Ramp paving	100	-----
FAI 55--	57-4(I)	McLean	Culberson Construction Co., Inc.	Watermain tunnels	100	-----
FAI 55--	84-2LS	Sangamon	Leesley Nurseries, Inc.	Landscaping	45	55
FAI 55--	(84-2, 84-3)I	Sangamon	State Day Labor	Filling excavations & under-ground fuel tank removal	5	5
FAI 55--	(84-2, 3)I-1	Sangamon	Wunder Company, Inc.	Fencing	5	95
FAI 55, FA 196, 25	84-(2, 3)L, 2-L, 8-L	Sangamon	J. F. Edwards Construction Co.	Highway lighting systems	95	5
FAI 55--	84-2-SG, 3-SG	Sangamon	Meyer Machine, Inc.	Traffic signs & delineators	25	75
FAI 55, FA 196	84-3LS, 2-LS	Sangamon	Leesley Nurseries, Inc.	Landscaping	-----	100
FAI 55--	(99-1)LS	Will	Leesley Nurseries, Inc.	Landscaping	80	0
FAI 55--	(99-2)LS-I	Will	Midwest Landscape Company	Landscaping	80	0
FAI 55--	1114-641AT (PT. 2)	Cook	Ciccone Brothers, Inc.	Storm sewers & pumping station	100	-----
FAI 55--	1114-660SG	Cook	National Advertising Company	Traffic signs	-----	100
FAI 57--	X1(4, 4-1, 5, 6-3)SG; X1(6-2, 7-1)SG-I	Williamson	National Advertising Company	Traffic signs & delineators	80	0
FAI 57--	X1(6, 6-1, 6S, 7)LS	Williamson	Federal Landscaping Company	Landscaping	77	10
FAI 57--	(X1-6-2, X1-6-3)LS	Williamson	Federal Landscaping Company	Landscaping	77	10
FAI 57--	(X1-7-1, X1-8)LS	Williamson	Federal Landscaping Company	Landscaping	83	10
FAI 57--	(25-6, 25-7)I-1	Effingham	Mt. Carmel Sand & Gravel Company	Stabilized shoulders	100	-----
FAI 57--	25(6, 7)LS	Effingham	Leesley Nurseries, Inc.	Landscaping	65	35
FAI 57--	(25-6, 7)SG	Effingham	Chaney Fence Corporation	Traffic signs & delineators	42	58
FAI 57--	(25-7-1)LS	Effingham	Leesley Nurseries, Inc.	Landscaping	65	35
FAI 57--	28-5-TS	Franklin	Kenneth L. Sullivan	Traffic signals	60	40
FAI 57--	(28-5, 5-2; X1-4-1, 5, 6-3; 77-1)I	Franklin-Williamson-Pulaski	Franklin Asphalt Company	Shoulder surfacing	100	-----
FAI 57--	41-1B-2	Jefferson	Tri-State Engineering Company	RC box culvert	-----	100
FAI 57--	91-1LS	Union	Federal Landscaping Company	Landscaping	25	75
FAI 57--	91-2LS	Union	Pine & Company	Landscaping	88	10
FAI 70--	(25-1, 25-2)LS	Effingham	Pine & Company	Landscaping	93	7
FAI 70--	26-3B-3	Fayette	J. E. McElroy Const. Co., Inc.	RC double box culvert extension	100	-----
FAI 70--	(26-3, 26-4)I	Fayette	Wunder Company, Inc.	Woven wire fence	71	29
FAI 70--	60(7, 8, 9)I	Madison	Bituminous Fuel & Oil Company	Shoulder surfacing	10	0
FAI 70--	(60-7, 8, 9)LS	Madison	Pine & Company	Landscaping	40	30
FAI 70--	(82-1, 82-2)HL	St. Clair	Edwards Construction Company	Highway lighting system	85	0
FAI 70--	(82-1, 82-2)SG	St. Clair	National Advertising Company	Traffic signs	100	-----
FAI 70--	82-5HL, 581-HL	St. Clair	Rite Electric Company	Highway lighting	100	-----
FAI 70--	(82-5, 6 & 60-6)LS	St. Clair-Madison	Central Landscaping, Inc.	Landscaping	-----	100
FAI 70--	(82-5, 6 & 60-6, 7, 8, 9)I-2	St. Clair-Madison	Wunder Company, Inc.	Fencing	10	90
FAI 74--	10-14LS	Champaign	Twin City Landscape Service, Inc.	Landscaping	75	0
FAI 74--	(10-6, 10-7, 10, 92-8)LS	Champaign-Vermilion	Otto Damgaard	Landscaping	100	-----
FAI 74--	48-27-I	Knox	Midwest Fence Corporation	Fencing	-----	100
FAI 74--	72-5-I	Peoria	Allstate Fence Company	Woven wire fence	100	-----
FAI 74--	72-8-1L	Peoria	J. C. Schaefer Electric, Inc.	Highway lighting	56	44
FAI 74--	72-8-I	Peoria	McDougal-Hartmann Company	Sanitary sewer	29	0
FAI 74--	72-9, 10-SG; 90-10, 11, 13, 14-1 ¹ 14, 15-1, 15-SG; 12-SG	Peoria-Tazewell	National Advertising Company	Traffic signs	23	0
FAI 74--	72-9LS, 90-11LS	Peoria-Tazewell	National Landscaping Company, Inc.	Landscaping	-----	22

TABLE 24.—Continued.
MISCELLANEOUS.—Continued.
STATE CONTRACTS.—Continued.

Route or District	Section	County	Contractor	Type of Construction	Per Cent Completed 1963	Per Cent Uncom-pleted
FAI 74, 80	81-2SG & I, (06-1, 2, 3 & 4)SG, (06-5, 6 & 7)SG	Rock Island-Bureau	Meyer Machine, Inc.	Traffic signs, delineators, fencing		100
FAI 74	81-3WS & (81-2-1, 81-3)I	Rock Island-Henry	J. L. Simmons Company, Inc.	Pavement & fencing for weigh stations	80	20
FAI 74	81-3WS-1	Rock Island	Quad-City Construction Company	Weigh stations		100
FAI 74	90-11-I-2, 90-(14-1)I-1, 90(13, 14, 15-1)I	Tazewell	Cyclone Fence Division, U. S. Steel Corporation	Fencing	45	0
FAI 74	90-14-I-1	Tazewell	McDougal-Hartmann Co. & Seneca Petroleum Co., Inc.	Colorphalt surfacing	40	0
FAI 74	90(14)LS	Tazewell	Midwest Landscape Company	Landscaping	25	75
FAI 74	90(14-1)LS	Tazewell	Midwest Landscape Company	Landscaping	50	50
FAI 74	90-15-1	Tazewell	Steffan Brothers, Inc.	Stabilized shoulders	100	
FAI 74	90-15-1	Tazewell	Allstate Fence Company	Woven wire fence	100	
FAI 74	90-(15-1, 15)LS	Tazewell	Midwest Landscape Company	Landscaping	2	98
FAI 74	(92-9, 92-10)LS	Vermilion	Otto Damgaard	Landscaping	100	
FAI 74	(92-9, 92-10)I-1	Vermilion	McCalman Construction Company	Miscellaneous drainage	100	
FAI 74	92(11, 12)L	Vermilion	Champaign Asphalt Company	Highway lighting		100
FAI 74	92-11HB-6	Vermilion	O'Neil Brothers Construction Co.	Pedestrian bridge		100
FAI 74	92-12B-2	Vermilion	Ben Harrison & Sons	Multiple box culvert	100	
FAI 80	(06 & 50)-8LS	Bureau-LaSalle	Midwest Landscape Co. & J. P. Wetherby Const. Corp.	Landscaping	100	
FAI 80	(06 & 50)-8, 50-2, 3, 4-1SG	Bureau-LaSalle	National Advertising Company	Traffic signs & delineators	80	0
FAI 80	(50-4, 5, 6; 32-1)LS	LaSalle-Grundy	Siemens Nursery, Inc.	Landscaping	85	0
FAI 80	50-3LS	LaSalle	Leonard Myers Landscape Contractor, Inc.	Landscaping	25	75
FAI 80	37(2, 3 & 4)LS	Henry	Otto Damgaard	Landscaping	30	70
FAI 80	37-5, 6SG	Henry	Fosco Fabricators, Inc.	Traffic signals & delineators	100	
FAI 80	99-2DM	Will	State Wrecking Company, Inc.	Building removal	45	55
FAI 80	(99-3, I-D-2, 10)DM	Will	C. S. Ehinger	Building removal	10	20
FAI 80	(99-4)DM	Will	Bongi Cartage, Inc.	Building removal	10	90
FAI 80, 90, 94	2426-707SG-1, 0312-705SG-1, 0211-455SG-1	Cook	Wood Electrical Construction, Inc.	Traffic signs, signals, & electrical service installations	85	15
FAI 90	962 3738-1	Cook	Leininger Construction Company	Ramp reconstruction	100	
FAI 90	9312-708W	Cook	J. M. Corbett Company	Paved shoulders	100	
FAI 90	9912-704LS	Cook	Chribern Builders, Inc.	Landscaping	50	0
FAI 90	0912-707.1	Cook	W. J. Sheppard & Company	PCC frontage road & shoulder surfacing	100	
FAI 90	10X-F & G-1963-3	Cook	Midwest Fence Corporation	Guard rail & fence		100

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FAI 90, SBI 54, FA 6, FAS 1135----	(100, 100-1) L, (22-3) L, (541-II) L, (4Y) L, (V) L----	Cook-DuPage Cook-----	Wood Electrical Construction, Inc. Rock Road Construction Company	Highway lighting system-----	50	0
FAI 90	2530-250-SR-----	Cook-----	Flynn Fence & Supply Company--	Shoulder reconstruction-----	100	-----
FAI 90	3333-212-I-----	Cook-----	Peter J. Crowley Company-----	Chain link fence-----	100	-----
FAI 90	3331-231-I-----	Cook-----		Miscellaneous construction-----	-----	100
FAI 90, FA 188	(X2-1) LS, 6-LS-----	Winnebago-----	Federal Landscaping Company----	Landscaping-----	20	10
FAI 90	3838-113-I-----	Cook-----	Leininger Construction Company--	Exit reconstruction-----	100	-----
FAI 94	0211-45SSG, Pt. 1-----	Cook-----	Perma-Line Midwest Corp.-----	Traffic sign-----	100	-----
FAI 94	0505-3-1-----	Cook-----	State Day Labor-----	Miscellaneous repairs-----	100	-----
FAI 94	1005-460LS, Part 2-----	Cook-----	National Landscaping Company----	Landscaping-----	30	0
FAI 94	2020-902-I-----	Cook-----	Peter J. Crowley Company-----	Pile bents encasements-----	-----	100
FAI 94	2022-931-LS-----	Cook-----	Shur-Deth Exterminating Com- pany-----	Landscaping-----	60	40
FAI 280, 74-----	(81-2, 81-3, 37-1) LS-----	Rock Island-Henry-----	Leonard Meyers Landscape Con- tractor, Inc.-----	Landscaping-----	70	30
FAI 280, 80-----	81-2SG & I(81-2, 3; 37-1, 2; 37-2, 2-1, 3 & 4)SG-----	Rock Island-Henry-----	National Advertising Company----	Traffic signs, delineators, chain link fence-----	95	0
FAS 116	110-1415.2-----	Cook-----	Kenny Construction Company of Illinois-----	Storm sewers & pump station-----	75	0
FAS 256	1-BDM-----	LaSalle-----	McCarthy Improvement Company	Bridge removal-----	-----	100
FAS 256	1-D-I-----	LaSalle-----	State Day Labor-----	Permanent ladders on bridge structure-----	100	-----
FAS 332	28-I-----	Iroquois-----	State Day Labor-----	Box culvert extension-----	100	-----
FAS 421	44-LS-----	Hancock-----	Leonard Myers Landscape Con- tractor, Inc.-----	Landscaping-----	-----	100
FAS 546	12-B-----	DeWitt-----	J. E. McElroy Construction Co.---	Double RC box culvert-----	100	-----
FAS 1378	47-1CPT-----	Peoria-----	V. O. Hart & Company-----	Miscellaneous drainage-----	100	-----
CH 042	042-0608-15d-Z-I-----	Cook-----	Peter J. Crowley Company-----	Intersection improvement-----	100	-----
CH 9	P2-I-----	Lake-----	State Day Labor-----	Bridge handrail-----	100	-----
CH 13	(49-SB)DM-----	Kane-----	Zimmerman & Kahler, Inc.-----	Removal of RR subway structure-----	100	-----
CH 21	21-MFT, A&B-----	Rock Island-----	State Day Labor-----	Culvert extension & roadway	100	-----
CH 26	P-15-D-I-----	Vermilion-----	State Day Labor-----	Metal handrail-----	-----	100
CH 102	540-T-----	Cook-----	George D. Hardin, Inc.-----	Storm sewers-----	-----	100
CH 128	3072-A-15d-Z-Y-W-----	Cook-----	Rock Road Construction Co.-----	Building removal-----	100	-----
CH 162, FA 121, SBI 53	1963-1R-----	Cook-----	J. M. Corbett Company-----	Underpass reconstruction-----	100	-----
CH 176	1963-T-2-----	Cook-----	Zimmerman & Kahler, Inc.-----	RR box culvert-----	100	-----
SA 055	1962-3R-----	Cook-----	Contracting & Material Co.-----	RR underpass reconstruction	100	-----
SA 055	1962-4R-----	Cook-----	J-P Construction Company-----	RR underpass reconstruction	100	-----
SA 20	020-0505-I-----	Cook-----	State Day Labor-----	Replace approach slab-----	100	-----
SA 105	1717-I-----	Cook-----	State Day Labor-----	Sidewalk repairs-----	100	-----
SA 125	0808-I-----	Cook-----	State Day Labor-----	Sidewalk repairs-----	100	-----
Senate Bill 275	1-----	Henry-----	McNeill Asphalt Company-----	Shaping & oil surface-----	100	-----

CONSTRUCTION

TABLE 24.—Continued.
MISCELLANEOUS.—Continued.
STATE CONTRACTS.—Continued.

Route or District	Section	County	Contractor	Type of Construction	Per Cent Completed 1963	Per Cent Uncompleted
Senate Bill 878.	12-1	Sangamon	State Day Labor	Additional parking facilities.	25	0
Senate Bill 878.	12-LS	Cook	A. A. Cinder Company	Landscaping	100	
House Bill 1757	8	Sangamon	P. H. Broughton & Sons, Inc.	Parking area surfacing	100	
Dist. 1	Road Guard 1963-1	Will-DuPage-Kane	State Day Labor	Road guard improvements	100	
Dist. 1	Mowing Maintenance 1963-1	Lake	Central Landscaping, Inc.	Mowing	100	
Dist. 1	Mowing Maintenance 1963-2	DuPage-Will-Cook-Kane	William H. Bleck, Jr.	Mowing	100	
Dist. 1	Mowing Maintenance 1963-3	Will-DuPage-Kendall-Cook	Plainfield Bridge & Construction, Inc.	Mowing	100	
Dist. 1	Mowing Maintenance 1963-4	Will-Kendall	Plainfield Bridge & Construction, Inc.	Mowing	100	
Dist. 1	Mowing Maintenance 1963-5	Will	William H. Bleck, Jr.	Mowing	100	
Dist. 1	Historical Markers 1963-1	Kendall-McHenry-Lake	State Day Labor	Historical marker sites	100	100
Dist. 1	Roadside Rest Stops 1963-1	DeKalb-Will-DuPage	State Day Labor	Rest stops		100
Dist. 1	Traffic Signals 1963-1	DuPage	Wood Electrical Construction, Inc.	Modernize traffic signals	100	
Dist. 1	Traffic Signals 1963-2	Lake-McHenry-DuPage	Aldridge Electric, Inc.	Traffic signals	100	
Dist. 1	Traffic Signals 1963-3	DuPage-Lake	Aldridge Electric, Inc.	Modernize traffic signals	100	
Dist. 1	Traffic Signals 1963-4	Lake	Rivano Company, Inc.	Traffic signals	60	40
Dist. 1	Storage Area Resurf. 1963-1	Will	The Crown Rock Asphalt Company	I-11 resurfacing of maintenance storage area	100	
Dist. 1	Storage Area Resurf. 1963-2	DuPage	Arrow Road Construction Co.	I-11 resurfacing of maintenance storage area	100	
Dist. 1	Storage Area Resurf. 1963-3	Will	The Crown Rock Asphalt Company	I-11 resurfacing of maintenance storage area	100	
Dist. 1, 10	Thermoplastic Pavement Marking 1963-1	Various	Cataphote Corporation	Pavement marking	30	70
Dist. 1	Pavement Patching 1963-1	Cook-DuPage	State Day Labor	PCC patching	100	
Dist. 1	Pavement Patching 1963-2	Cook-Will	State Day Labor	PCC patching	100	
Dist. 1	Pavement Patching 1963-3	Will	State Day Labor	PCC patching	100	
Dist. 1	Pavement Patching 1963-4	Lake	Eric Bolander Construction Co.	PCC patching	100	
Dist. 2	Concrete Headwall Removal 1962-1	Various	State Day Labor	Removal of concrete culvert headwalls	40	0
Dist. 2	Concrete Patching 1963-1	Ogle	State Day Labor	PCC patching	100	
Dist. 2	Concrete Patching 1963-2	Ogle	State Day Labor	PCC patching	100	
Dist. 2	Cable Road Guard 1963-1	Whiteside	State Day Labor	Cable road guard	100	
Dist. 2	Roadside Rest Stops 1963-1	Various	State Day Labor	Rest stops	100	
Dist. 2	Joint Cutting 1962-1	Rock Island-Henry	State Day Labor	Cut & fill joints	100	
Dist. 2	Joint Cutting 1963-1	Various	State Day Labor	Cut expansion joints	100	
Dist. 2	Historical Markers 1963-1	Carroll-Rock Island-Whiteside	State Day Labor	Historical marker sites	95	5

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Dist. 2	Bituminous Seal Coat 1962-1, 2, 3, 4	Henry-Winnebago-Whiteside	State Day Labor	Seal coat	70	0
Dist. 2	Bituminous Seal Coat 1963-1	Henry	State Day Labor	Seal coat	100	
Dist. 2	Bituminous Seal Coat 1963-2	Ogle-Whiteside	State Day Labor	Seal coat	100	
Dist. 2	Bituminous Seal Coat 1963-3	Bureau	State Day Labor	Seal coat	100	
Dist. 2	Weed Control Spraying 1963-1	Henry-Rock Island-Mercer	The Davey Tree Expert Company	Roadside spraying	100	
Dist. 2	Weed Control Spraying 1963-2	Various	The Davey Tree Expert Company	Roadside spraying	100	
Dist. 2	Weed Control Spraying 1963-3	Carroll-JoDavless-Stephenson-Whiteside	Anderson Tree Service	Roadside spraying	100	
Dist. 2	Weed Control Spraying 1963-4	Lee-Ogle-Stephenson-Winnebago	Anderson Tree Service	Roadside spraying	100	
Dist. 2	Traffic Signal Modernization 1963-1	Winnebago	Cecil B. Wood, Inc.	Traffic signal modernization	100	
Dist. 2	Traffic Signal Modernization 1963-2	Rock Island	J. F. Edwards Construction Co.	Modify existing traffic control signals	100	
Dist. 2	Bridge Repairs 1963-7	Lee	State Day Labor	Bridge rail replacement	100	100
Dist. 3	Bituminous Seal Coat 1962-1	McLean-Kankakee-Grundy-Livingston	State Day Labor	Seal coat	35	0
Dist. 3	Bituminous Seal Coat 1963-2	Kankakee	State Day Labor	Seal coat	100	
Dist. 3	Bituminous Seal Coat 1963-3	Livingston	State Day Labor	Bituminous armor & seal coat	100	
Dist. 3	Bituminous Seal Coat 1963-4	Kendall	State Day Labor	Seal coat	100	
Dist. 3	Roadside Rest Stops 1963-1	LaSalle-Kankakee-McLean	State Day Labor	Rest stops	100	
Dist. 3	Traffic Signals 1963-1	Kankakee	Frank Hubbard Electric Company	Traffic signals	100	
Dist. 3	Joint Cutting 1962-1	Various	State Day Labor	Joint cutting	100	
Dist. 3	Joint Cutting 1963-1	Livingston	State Day Labor	Joint cutting	100	
Dist. 3	Crushed Stone Shoulders 1963-1	Various	State Day Labor	Gravel or crushed stone shoulders	100	
Dist. 3	Guard Fence Replacement 1962-1	Various	State Day Labor	Installation of steel plate beam guard rail	40	0
Dist. 3	Headwall Removal 1962-1	Various	State Day Labor	Removal of headwalls	100	
Dist. 3	Headwall Removal 1963-1, 2, 3, 4, 5, 6	Various	State Day Labor	Removal of headwalls	100	
Dist. 3	PCC Patching 1962-1	LaSalle	State Day Labor	PCC patching	50	0
Dist. 3	Bituminous Undersealing 1963-1	Iroquois-Kankakee-LaSalle	State Day Labor	Undersealing	100	
Dist. 3	Guard Fence Replacement 1963-1	Various	State Day Labor	Replacement of guard fence	100	
Dist. 4	Cinder Hauling 1963-1	Various	Chillicothe Cartage	Cinder hauling	100	
Dist. 4	Headwall Removal 1962-1	Various	State Day Labor	Removal of concrete headwalls	33	0
Dist. 4	Headwall Removal 1963-1	Various	State Day Labor	Removal of headwalls	45	55
Dist. 4	Patching 1963-1	Various	State Day Labor	PCC patching	100	
Dist. 4	Patching 1963-2	Various	State Day Labor	PCC patching	100	
Dist. 4	Weed Control Spraying 1963-1	Various	The Davey Tree Expert Company	Roadside spraying	100	
Dist. 4	Maintenance Yard Surfacing 1963-1	Warren	Gunther Construction Company	Surfacing of maintenance yard	100	
Dist. 4	Building Demolition 1963-1	Various	Roy G. Frietsch	Building removal	100	
Dist. 4	Building Demolition 1963-2	Fulton-Peoria-Tazewell	Roy G. Frietsch	Building removal	100	
Dist. 4	Tree Removal 1962-1	Various	Central Landscaping, Inc.	Dead tree removal	30	0
Dist. 4	Tree Removal 1962-2	Various	John Kubinski & Sons, Inc.	Removal of diseased & dead trees	97	0

TABLE 24.—Continued.
MISCELLANEOUS.—Continued.
STATE CONTRACTS.—Continued.

Route or District	Section	County	Contractor	Type of Construction	Per Cent Completed 1963	Per Cent Uncom-pleted
Dist. 4	Tree Removal 1962-3	Various	Edwards Construction Company	Removal of diseased & dead trees	90	10
Dist. 4	Roadside Rest Stops 1963-1	Henderson-Knox-Hancock	State Day Labor	Rest stops	100	
Dist. 4	Roadside Rest Stops 1963-2	Henderson	State Day Labor	Rest stops		100
Dist. 4	Traffic Signals 1963-1	Peoria-Tazewell	J. C. Schaefer Electric, Inc.	Traffic signal modernization	88	12
Dist. 4	Historical Markers 1963-1	Hancock	State Day Labor	Historical marker sites	100	
Dist. 4	Headquarters 1963-1	Peoria	Peoria Blacktop, Inc.	Parking facilities		100
Dist. 5	Bituminous Seal Coat 1963-1	Various	State Day Labor	Bituminous seal coat		100
Dist. 5	Expansion Joint Cutting 1963-1	Various	State Day Labor	Construction of 4" expansion joints	100	
Dist. 5	Traffic Signal Reconstruction 1963-1	Various	Champaign Asphalt Company	Reconstruct traffic signals	99	1
Dist. 5	Concrete Headwall Removal 1963-1	Various	State Day Labor	Remove concrete headwalls		100
Dist. 5	Culvert Replacement 1963-1	Vermilion	State Day Labor	Remove & replace two culverts	100	
Dist. 5	Grading & Drainage 1963-1	Shelby-Moultrie	State Day Labor	Grading & drainage		100
Dist. 5	Safety-Walk Replacement 1963-1	Vermilion	State Day Labor	Safety-walk replacement	100	
Dist. 5	Guard Rail Reconstruction 1963-1	Various	State Day Labor	Reconstruction of guard rail	100	
Dist. 5	Weed Control Spraying 1963-1	Various	The Townsend Tree Service Co.	Roadside spraying	100	
Dist. 5	Metal Shoulders 1963-1	Various	State Day Labor	Gravel or crushed stone shoulders	50	50
Dist. 5	Metal Shoulders 1963-2	Champaign	State Day Labor	Gravel or crushed stone shoulders	50	50
Dist. 5	Roadside Rest Stops 1963-1	Vermilion-Edgar-DeWitt-Clark	State Day Labor	Rest stops	60	40
Dist. 5	Wide Joint Construction 1962-1	Coles-Champaign-Macon-Piatt-Vermilion	State Day Labor	Cutting & filling 4" expansion joints	100	
Dist. 5	PCC Patching 1963-1	Champaign-Piatt	State Day Labor	Concrete patching	100	
Dist. 5	Historical Markers 1963-1	Edgar-Clark	State Day Labor	Historical marker sites	100	
Dist. 6	State Day Labor Storage Yard 1963-1	Sangamon	State Day Labor	Bituminous surfacing of storage yard	100	
Dist. 6	Patching 1962-1	Sangamon-Logan-Morgan	State Day Labor	PCC patching	15	0
Dist. 6	Patching 1963-1	Morgan	State Day Labor	PCC patching	100	
Dist. 6	Weed Control Spraying 1963-1	Various	The Davey Tree Expert Company	Roadside spraying	100	
Dist. 6	Joint Cutting 1962-1	Various	State Day Labor	Cutting pavement joints	100	
Dist. 6	Joint Cutting 1963-1	Various	State Day Labor	Cut expansion joints		100
Dist. 6	Traffic Signals 1962-1	Sangamon	Champaign Asphalt Company	Modification of traffic control system	60	0
Dist. 6	Headwall Removal 1963-1	Various	Berry Construction Company	Headwall removal		100

CONSTRUCTION

Dist. 6	Roadside Rest Stops 1963-1	Adams-Logan-Pike-Morgan	State Day Labor	Roadside rest stops	100	-----
Dist. 6	Historical Markers 1963-1	Adams-Pike	State Day Labor	Historical marker sites	100	-----
Dist. 7	Headwall Removal 1962-1	Various	State Day Labor	Removal of concrete culvert headwalls	50	0
Dist. 7	Bituminous Undersealing 1963-1	Various	State Day Labor	Undersealing	100	-----
Dist. 7	Roadside Rest Stops 1963-1	Crawford-Marion-Richland-Wabash	State Day Labor	Roadside rest stops	100	-----
Dist. 7	Historical Markers 1963-1	Crawford-Effingham-White-Lawrence-Marion-Wabash	State Day Labor	Historical marker sites	100	-----
Dist. 7	Seal Coat 1963-1	Effingham-Cumberland-Marion-Clay-Shelby	The Earl Walker Company, Inc.	Seal coat	100	-----
Dist. 7	Joint Construction 1963-1	Various	State Day Labor	Cut & fill expansion joints	10	90
Dist. 7	Cable Road Guard 1963-1	Effingham	State Day Labor	Cable road guard	100	-----
Dist. 8	Weed Control Spraying 1963-1	Various	The Davey Tree Expert Company	Roadside spraying	100	-----
Dist. 8	Seal Coat 1963-1	Calhoun-Greene-Macoupin-Montgomery	Litchfield Bituminous Corporation	Seal coat	100	-----
Dist. 8	Guardrail 1963-1	Various	State Day Labor	Steel plate beam guardrail	100	-----
Dist. 8	Headwall Removal 1962-1	Various	State Day Labor	Removal of culvert headwalls	100	-----
Dist. 8	Headwall Removal 1963-1	Various	State Day Labor	Headwall removal	40	60
Dist. 8	Joint Cutting 1962-1	Washington-Clinton	State Day Labor	Sawing expansion joints	100	-----
Dist. 8	Joint Cutting 1963-1	Bond-Montgomery	State Day Labor	Joint cutting	15	85
Dist. 8	Traffic Signals 1962-1	Macoupin-Montgomery	R. Dron Electrical Company, Inc.	Reconstruction of traffic signals	100	-----
Dist. 8	Traffic Signals 1963-1	St. Clair-Madison	Rite Electric Company	Modify existing traffic control system	100	-----
Dist. 8	Traffic Signals 1963-2	Madison	R. Dron Electrical Company, Inc.	Traffic signals	15	85
Dist. 8	Patching 1963-1	Various	State Day Labor	Concrete patching	100	-----
Dist. 8	Roadside Rest Stops 1963-1	Monroe-Macoupin	State Day Labor	Roadside rest stops	100	-----
Dist. 8	Historical Markers 1963-1	Various	State Day Labor	Historical marker sites	100	-----
Dist. 9	Weed Control Spraying 1963-1	Various	The Davey Tree Expert Company	Roadside spraying	100	-----
Dist. 9	Culvert Headwall Removal 1962-1	Various	State Day Labor	Removal of culvert headwalls	54	0
Dist. 9	Headwall Removal 1963-1	Various	State Day Labor	Headwall removal	100	100
Dist. 9	Pavement Patching 1962-1	Various	State Day Labor	PCC patching	100	-----
Dist. 9	Guard Fence Replacement 1963-1	Various	State Day Labor	Steel plate beam guard rail	100	-----
Dist. 9	Traffic Signal Modernization 1963-1	Various	Sullivan Electric	Modernization of traffic signals	100	-----
Dist. 9	Roadside Rest Stops 1963-1	Randolph-Jackson-Union-Williamson	State Day Labor	Roadside rest stops	100	-----
Dist. 9	Historical Markers 1963-1	Alexander-Massac-Gallatin-Randolph	State Day Labor	Historical marker sites	100	-----
Dist. 9	Bituminous Undersealing 1963-1	Alexander-Saline-Williamson	State Day Labor	Undersealing	100	-----
Dist. 10	Weed Control Spraying 1963-1	Cook	The Davey Tree Expert Company	Roadside spraying	100	-----
Dist. 10	Weed Control Spraying 1963-2	Cook	The Davey Tree Expert Company	Roadside spraying	100	-----
Dist. 10	Traffic Signals 1961-4	Cook	L & S Construction Company	Traffic signals	10	0
Dist. 10	Traffic Signals 1962-1	Cook	L & S Construction Company	Traffic signals	25	0
Dist. 10	Traffic Signals 1962-2	Cook	L & S Construction Company	Traffic signals	40	10
Dist. 10	Traffic Signals 1962-3	Cook	Knott & Mielly, Inc.	Traffic signals	70	0
Dist. 10	Traffic Signals 1962-4	Cook	Wood Electrical Const., Inc.	Traffic signals	90	5

CONSTRUCTION

TABLE 24.—Continued.
MISCELLANEOUS.—Continued.
STATE CONTRACTS.—Concluded.

Route or District	Section	County	Contractor	Type of Construction	Per Cent Completed 1963	Per Cent Uncompleted
Dist. 10--	Traffic Signals 1962-5	Cook	L & S Construction Company	Traffic signals	40	10
Dist. 10--	Traffic Signals 1963-1	Cook	Contracting & Material Company	Traffic signals	100	
Dist. 10--	Traffic Signals 1963-2	Cook	Wood Electrical Const., Inc.	Traffic signals	100	
Dist. 10--	Traffic Signals 1963-3	Cook	Hecker & Company, Inc.	Traffic signals	100	
Dist. 10--	Traffic Signals 1963-4	Cook	Contracting & Material Company	Traffic signals	100	
Dist. 10--	Traffic Signals 1963-5	Cook	L & S Construction Company	Traffic signals	100	100
Dist. 10--	Traffic Signals 1963-6	Cook	Hecker & Company, Inc.	Traffic signals	10	90
Dist. 10--	Traffic Signals 1963-7	Cook	L & S Construction Company	Traffic signals	100	100
Dist. 10--	Mowing Maintenance 1963-1	Cook	Central Landscaping, Inc.	Mowing	100	
Dist. 10--	Mowing Maintenance 1963-2	Cook	L. E. Alport & Company	Mowing	100	
Dist. 10--	Mowing Maintenance 1963-3	Cook	L. E. Alport & Company	Mowing	100	
Dist. 10--	Maintenance Guardrail Program 1963	Cook	State Day Labor	Steel plate beam guardrail	100	
Dist. 10--	Expressway Mowing Maintenance 1963-1	Cook-Lake	Central Landscaping, Inc.	Mowing	100	
Dist. 10--	Expressway Mowing Maintenance 1963-2	Cook	Central Landscaping, Inc.	Mowing	100	
Dist. 10--	Expressway Mowing Maintenance 1963-3	Cook-Will	Central Landscaping, Inc.	Mowing	100	
Dist. 10--	Expressway Mowing Maintenance 1963-4	Cook-DuPage	L. E. Alport & Company	Mowing	100	
Dist. 10--	Expressway Mowing Maintenance 1963-5	Cook	W. H. Bleck, Jr.	Mowing	100	
Dist. 10--	Expressway Mowing Maintenance 1963-6	Cook	L. E. Alport & Company	Mowing	100	
Dist. 10--	Expressway Guard Rail Maintenance 1961-1	Cook	Midwest Fence Corporation	Repair & maintenance of guard rails	40	0
Dist. 10--	Expressway Guard Rail Maintenance 1963-1	Cook-Lake-DuPage-Will	Midwest Fence Corporation	Maintenance of guard rail on expressways		100
Dist. 10--	Expressway Slope Restoration 1962-1	Cook	Frenzel Construction Company	Slope restoration	100	
Dist. 10--	Expressway Pedestrian Barrier Repair 1963-1	Cook-Lake-DuPage-Will	Midwest Fence Corporation	Pedestrian barrier repair	50	50
Dist. 10--	P. B. R. 1961-1	Cook	Chain Link Fence Corporation	Pedestrian barrier repair	35	0
Dist. 10--	Joint Cutting 1962-1	Cook	State Day Labor	Expansion joints	75	0
Dist. 10--	Joint Cutting 1963-1	Cook	State Day Labor	Expansion joint cutting	90	10
Dist. 10--	Intersection Lighting 1963-1	Cook	Contracting & Material Company	Highway lighting system	100	
Dist. 10--	Landscaping 1963-1	Cook	Siems Nursery, Inc.	Landscaping	100	
Dist. 10--	Landscaping 1963-4	Cook	Siems Nursery, Inc.	Landscaping	100	100
Dist. 10--	Landscaping 1963-5	Cook	A. A. Cinder Company	Landscaping		100
Dist. 10--	Expressway Tree Spraying 1963-1	Cook-Lake	Central Landscaping, Inc.	Tree spraying	100	

Dist. 10--	Expressway Tree Spraying 1963-2	Cook	Central Landscaping, Inc.	Tree spraying	100	---
Dist. 10--	Expressway Tree Spraying 1963-4	Cook-DuPage	Quality Tree Service	Tree spraying	100	---
Dist. 10--	Expressway Tree Spraying 1963-5	Cook	Central Landscaping, Inc.	Tree spraying	100	---
Dist. 10--	Expressway Pavement Patching 1963-2R	Cook-Lake	Barton Construction Company	PCC patching	100	100
Dist. 10--	Cultivation Maintenance 1963-1	Cook-Lake	Otto Damgaard	Shrub bed maintenance	100	---
Dist. 10--	Cultivation Maintenance 1963-2	Cook	Otto Damgaard	Shrub bed maintenance	100	---
Dist. 10--	Cultivation Maintenance 1963-4	Cook-DuPage	Otto Damgaard	Shrub bed maintenance	100	---
Dist. 10--	Cultivation Maintenance 1963-5	Cook	Otto Damgaard	Shrub bed maintenance	100	---
Dist. 10--	Fertilizer Maintenance 1963-1	Cook-Lake	Central Landscaping, Inc.	Fertilizing	100	---
Dist. 10--	Historical Markers 1963-1	Cook	State Day Labor	Historical marker sites	100	---
Dist. 10--	Roadside Rest Stops 1963-1	Kane	State Day Labor	Rest stops	100	---
Dist. 10--	Joint Sealing 1963-1	Cook-DuPage	Barton Construction Company	Cleaning & sealing joints	100	---
---	Recreation Area Resurf. 1963, Sheridan Industrial School for Boys	LaSalle	J. P. Wetherby Construction Corp.	Resurfacing of recreation area	100	---
---	Miscellaneous Repairs 1963-1 (State Wide)	Various	State Day Labor	Small maintenance projects	100	---
---	Governor's Mansion Drive-way Resurfacing	Sangamon	State Day Labor	Colorphalt surfacing	100	---
CITY OF CHICAGO CONTRACTS.						
FAI 55, FAI 1--	SW-1717.8-1D	Cook	Santucci Construction Company	Main drain	5	95
FAI 55--	SW-1717.9-1W-2W	Cook	Bongi Cartage, Inc.	Building removal	85	15
FAI 55--	1717.9(4, 5, 6)W	Cook	3 Oaks Wrecking Company	Building removal	60	0
FAI 55--	SW-1717.9-7W	Cook	Midwest Wrecking Company	Building removal	43	57
FAI 94--	0202.10-1L	Cook	St. Arnaud Electric Company	Underpass lighting	100	---
FAI 94--	S-2326.6-1SG	Cook	Fosco Fabricators, Inc.	Traffic signs	95	0

TABLE 24.—Concluded.
MISCELLANEOUS.—Concluded.

COOK COUNTY CONTRACTS.

Route or District	Section	County	Contractor	Type of Construction	Per Cent Completed 1963	Per Cent Uncompleted
FA 122	145-1717A-MFT	Cook	J. M. Corbett Company	Detour, beach extension, pedestrian structures	90	10
FA 173	267A-0101.9B-CF	Cook	Midwest Landscape Associates	Landscaping	40	0
CH 306A	306A-0105B-CF	Cook	Clauss Brothers, Inc.	Landscaping	50	0
FAI 55	207-1415.1A-CF	Cook	Harvey Wrecking Company, Inc.	Building removal		100
FAI 55	207-1515.1A-CF	Cook	Bongi Cartage, Inc.	Building removal		100
FAI 55	207-1516.3-CF	Cook	Abbott Contractors, Inc.	Main drain	5	95
FAI 55	207-1616.1A-CF	Cook	Cleveland Wrecking Co. of Cincinnati	Building removal	90	10
FAI 55	207-1616.2A-CF	Cook	Rossi Contractors	Building removal	90	10
FAI 55	207-1616.2B-CF	Cook	Bongi Cartage, Inc.	Building removal	10	90
FAI 55	207-1616.3-CF	Cook	Orr Construction Company	Main drain	50	50
FAI 57	068-1919.A-CF	Cook	Bongi Cartage, Inc.	Building removal	50	40
FAI 57	068-2020.A-CF	Cook	Bongi Cartage, Inc.	Building removal	55	20
FAI 57	068-2121.1A-CF	Cook	Bongi Cartage, Inc.	Building removal	5	5
FAI 57	068-2121.2A-CF	Cook	Bongi Cartage, Inc.	Building removal	23	10
FAI 57	068-2323.10-CF, 068-2323.11-CF	Cook	Commercial Light Company	Highway lighting		100
FAI 57	068-2323.12-CF, 068-2323.13-CF	Cook	Leesley's Nurseries, Inc.	Landscaping	25	75
FAI 90	062-3438.1-CF, 062-2730.2-CF	Cook	Perma-Line Midwest Corporation	Traffic signs	100	
FAI 90	066-1213.3-CF	Cook	Contracting & Material Company	Highway lighting	10	0
FAI 90	066-1215-CF, Part "A"	Cook	Grundstrom Company, Inc.	Landscaping	100	
FAI 90	066-1215-CF, Part "B"	Cook	Midwest Landscape Associates	Landscaping	80	20
FAI 90	066-1517-CF	Cook	L. E. Alport & Company	Landscaping	25	0
FAI 90	066-1819.2-CF	Cook	A. A. Cinder Company	Landscaping	25	0
FAI 90	066-1919.6B-CF	Cook	National Power Rodding Corporation	Storm sewer cleaning		100
FAI 90, 94	066-1919.11A-CF, 066-1919.11-CF	Cook	Leesley's Nurseries, Inc.	Landscaping	100	
FAI 90, 94, 57	066-1919.11A-CF, 066-1919.17-CF, 066-1519.1-CF, 066-1215.1-CF, 068-2323.15-CF, 068-2323.14-CF	Cook	Perma-Line Midwest Corporation	Signing		100

VII. MATERIALS

1. GENERAL.—The function of the Bureau of Materials is to inspect and test all materials used in highway construction and maintenance; conduct surveys and studies of materials and material sources; develop new methods of sampling and testing; design and construct new testing equipment; prepare specifications for materials and for tools and supplies used for general highway maintenance purposes, and in the production of concrete and bituminous mixtures; check and supervise the design, proportioning and control of concrete, bituminous, and soil mixtures; conduct investigational studies of the effect of materials, weather, and soils on highway structures; and perform photographic, photostatic, and various other services for the Division.

The work of this Bureau is divided into four sections, the Physical Tests Section, the Chemical Tests Section, the Mixtures Control and Soil Section, and the Chicago Branch Laboratory. The branch laboratory is responsible for chemical and physical tests of materials originating in the Chicago area and for bituminous mixtures control and soil testing in District 10.

The Bureau maintains resident chemists at refineries and obtains cement samples from commercial samplers, but aside from this, plant and destination inspection of materials is a direct function of the district offices; however, field engineers operating out of the central Bureau maintain uniformity in inspection practices. These general inspectors also contact the various projects to check the equipment and quality of the work, and to maintain uniformity of the proportioning practices.

2. SAMPLES AND TESTS.—Table 25 shows the number of samples tested in the laboratories of the Bureau of Materials during 1963.

3. INSPECTION.—Experience has shown that the inspection of materials at their source provides better control of quality, expedites the work, and prevents delays incident to rejections on the projects. Therefore, inspection is performed at the source of supply unless the volume of the work, the nature of the materials, or other conditions warrant inspection at destination or in the laboratory.

When materials originate in another state, arrangements are sometimes made with the State Highway Department in that state or with a recognized commercial testing laboratory to submit samples to this Bureau. The states in the Mississippi Valley, by reciprocal agreement, perform this service for each other at cost.

Table 26 shows the quantities of materials accepted by inspection during 1963. In many instances the quantities shown in this table represent a considerable increase over the quantities accepted during 1962.

MATERIALS

TABLE 25.—SAMPLES TESTED IN LABORATORIES DURING 1963.

Materials	Number of Samples Tested				
	Preliminary	Acceptance	Check	Quality	Total
Aggregate.....				2,458	2,458
Bituminous materials:					
asphalt, emulsified.....	3	9	52	246	310
asphalt, liquid (MC-RC-WP).....	5	59	430	181	675
asphalt, liquid (SC).....		146	78	89	313
asphalt, paving & filler.....	8	21	2,547	242	2,818
joints and planks.....	5	66	12	177	260
mixtures (composition).....				2,920	2,920
mixtures (density).....				1,454	1,454
road oil.....	6	13	14	154	187
tar.....		10	28	55	93
Bolts.....				894	894
Brick and drain tile.....				38	38
Calcium chloride.....		199		8	207
Castings.....				52	52
Catch basin blocks.....				58	58
Cement.....		13,097		3,930	17,027
Concrete cylinders & cores.....				9,197	9,197
Conduit.....				202	202
Creosote oil.....		1	1	64	66
Electrical materials.....		829			829
Fabric reinforcing.....				23	23
Galvanized materials.....	1	27		154	182
Glass beads.....	1	90	3	3	97
Mineral filler.....				71	71
Paints and paint materials.....	13	372	22	718	1,125
Reflector materials.....	15	146		13	174
Rock, ledge.....				67	67
Salt, rock.....		125	1	393	519
Seed.....		922			922
Soil.....	1,086		89	244	1,419
Steel bars, reinforcing.....		12		1,860	1,872
Steel strands, prestressing.....				148	148
Steel, structural.....				12	12
Steel wire fabric.....				41	41
Water.....				50	50
Miscellaneous (chemical).....	70	472	57	224	823
Miscellaneous (physical).....				485	485
Totals.....	1,213	16,616	3,334	26,925	48,088

Table 27 shows the types and quantities of tools and supplies inspected and accepted during 1963. The Bureau of Materials collaborated with the Bureau of Maintenance and the Bureau of Traffic in the formulation of detailed specifications and in making recommendations for tools and supplies to be used for general highway maintenance purposes. The Bureau of Materials inspects and tests items purchased to insure that they comply with the requirements of the specifications.

4. SEEDS.—The inspection of all seeds used for highway planting is carried on through this Bureau. However, the tests for purity and germination are made by the Division of Plant Industry, Illinois Department of Agriculture, which extends the services of its fully equipped seed laboratory to the Division of Highways.

A total of 922 samples, representing 703,088 pounds of seed, was tested during the year. Through this inspection, the Division of Highways insures use of pure, viable seed for highway planting. This work and the destruction of the weeds along the highways by the maintenance forces help to prevent the propagation of weeds and other undesirable plant life.

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TABLE 26.—QUANTITIES OF MATERIALS ACCEPTED BY INSPECTION DURING 1963.

Materials	Quantities Accepted
Aggregates:	
filler, mineral, tons	75,480
gravel, tons	6,492,181
lime, hydrated, tons	817
limestone, agricultural, tons	7,843
porous granular embankment and backfill, tons	933,467
sand, tons	2,313,095
slag, blast furnace, tons	72,392
stone, tons	10,111,312
stone sand, tons	18,589
Aluminum, beams, drains, plates, tubing, etc., lbs.	32,285
Antifreeze, permanent type, gals.	28,626
Anti-spalling compound, gals.	132,163
Beads, glass, lbs.	3,005,250
Beams, concrete, bridge:	
deck, precast, prestressed, number	589
I, precast, prestressed, number	20
slab, precast, number	1,783
Bituminous materials and mixtures:	
asphalt, emulsified, gals.	6,646,803
asphalt filler for cracks and joints, lbs.	9,392,439
asphalt filler for undersealing, lbs.	11,227,356
asphalt, liquid for zone marking, gals.	76,050
asphalt, liquid, medium-curing, gals.	26,212,351
asphalt, liquid, rapid-curing, gals.	2,378,630
asphalt, liquid, slow-curing, gals.	11,754,315
asphalt, paving, gals.	43,888,593
asphalt plank, lin. ft.	34,770
asphalt, waterproofing, gals.	47,233
asphalt, waterproofing, primer, gals.	245
bituminous mixture for maintenance use, tons	52,832
creosote primer, gals.	6,280
fabric, saturated cotton, sq. yds.	70,328
joint filler, bituminous fibre, lin. ft.	235,975
joint filler, bituminous fibre, number	4,599
joint filler, bituminous premoulded, lin. ft.	206,628
joint filler, bituminous premoulded, number	991
joint filler, preformed cork, lin. ft.	3,314
joint filler, preformed sponge rubber, lin. ft.	970
joint filler, resinous, units	235
joint sealing compound, cold applied, lbs.	166,466
joint sealing compound, hot poured, lbs.	69,360
joint sealing compound, pipe, gals.	31,072
komac, gals.	7,207
oil, fuel, gals.	67,606
oil, road, gals.	14,805,255
tar, gals.	733,003
tar for zone marking, gals.	62,163
tar, pitch, waterproofing, gals.	13,199
wyton, gals.	89,350
Blocks, concrete, riprap, number	147,160
Brick, building:	
clay, number	73,770
concrete, number	210,879
ceramic glazed, number	26,400
Bridge bearing pads, number	4,002
Brush killer, gals.	2,628
Cable, electric, lin. ft.	1,783,834
Calcium chloride, tons	6,222
Castings:	
iron street, lbs.	5,639,687
steel, lbs.	406,907
Catch basins, concrete, complete, number	3,711
Cement:	
type I, standard, bbls.	3,122,875
type IA, air-entraining, bbls.	1,729,586
type I, white, bbls.	1,532
type II, moderate heat of hydration, bbls.	401
type III, high-early-strength, bbls.	118,335
Compound, curing, gals.	25,558
Concrete masonry units, number	27,895
Conduit:	
aluminum, lin. ft.	2,090
asbestos-cement, lin. ft.	8,315
fibre, lin. ft.	7,599
fittings, transite, number	1,717
hangers, transite, sets	65
plastic, lin. ft.	250
steel, galvanized, lin. ft.	316,462
Copper seal, water, lbs.	712
Cribbing, concrete, reinforced, number	8,568

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TABLE 26.—Continued.

Materials	Quantities Accepted
Cylinders, mud jack, number.....	90
Delineators, number.....	1,832
Epoxy resin, gals.....	237
Fasteners, aluminum, number.....	17,143
Fence:	
galvanized, chain link, lin. ft.....	197,846
galvanized, woven wire, lin. ft.....	561,944
snow, lin. ft.....	305,200
Handrail:	
aluminum, lin. ft.....	41,499
steel pipe, lin. ft.....	44,632
Inlets, concrete, number.....	4,161
Light standards:	
aluminum, number.....	187
concrete, number.....	2,001
steel, number.....	6
Lumber:	
structural, creosoted, f.b.m.....	381,794
structural, penta-treated, f.b.m.....	214,258
structural, untreated, f.b.m.....	386,960
Manholes, concrete, complete, number.....	25,025
Markers:	
drainage, permanent survey, r.o.w., section, number.....	15,140
permanent survey, metal, number.....	486
Name plates, number.....	516
Oil, creosote, gals.....	
Paints, enamels and paint materials:	
enamel, orange equipment, gals.....	2,957
enamel, sign, gals.....	4,628
paint, aluminum, leafing, gals.....	17,469
paint, aluminum, nonleafing, gals.....	8,326
paint, black graphite, gals.....	1,587
paint, brown, gals.....	250
paint, gray bridge, gals.....	60
paint, green, gals.....	1,338
paint, red lead, gals.....	18,259
paint, traffic marking, white, gals.....	553,355
paint, traffic marking, yellow, gals.....	131,600
paint, white lead titanium, gals.....	8,555
paint, yellow, reflective, gals.....	2
primer, lead silico chromate, gals.....	100
primer, orange, gals.....	800
primer, silver chromate, gals.....	100
primer, zinc chromate, gals.....	1,620
thinner, gals.....	810
Peat moss, cu. ft.....	118,988
Piling:	
metal shell, lin. ft.....	374,341
precast, concrete, lin. ft.....	12,462
shoes, lbs.....	21,375
steel, lbs.....	6,834,061
steel sheet, lin. ft.....	634,260
wood, creosoted, lin. ft.....	343,006
wood, untreated, lin. ft.....	95,693
Pipe:	
brass, red, lbs.....	1,064
culvert, corrugated aluminum alloy, lin. ft.....	3,182
culvert, corrugated metal, lin. ft.....	368,764
culvert, corrugated metal arch, lin. ft.....	24,753
culvert, corrugated metal, bit. coated, lin. ft.....	56,933
culvert, corrugated metal arch, bit. coated, lin. ft.....	3,008
culvert, corrugated metal plate, lin. ft.....	4,311
culvert, corrugated metal plate, bit. coated, lin. ft.....	96
culvert, corrugated metal plate arch, lin. ft.....	1,794
culvert, horizontal elliptical, class HE III, lin. ft.....	3,814
culvert, plain concrete, lin. ft.....	47,087
culvert, reinforced concrete, class III, lin. ft.....	559,593
culvert, reinforced concrete, class IV, lin. ft.....	33,947
culvert, reinforced concrete, class V, lin. ft.....	12,948
drain, cement asbestos, perforated, lin. ft.....	1,474
drain, concrete, perforated, lin. ft.....	972
drain, corrugated metal, perforated, lin. ft.....	47,591
drain, corrugated metal, perforated, bit. coated, lin. ft.....	1,736
galvanized for chain link fence, lin. ft.....	181,701
iron, cast, lbs.....	296,125
iron, wrought, lbs.....	2,250
sewer, clay, standard strength, lin. ft.....	4,087
sewer, clay, extra-strength, lin. ft.....	6,637
sewer, drain, clay, perforated, lin. ft.....	290

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TABLE 26.—Concluded.

Materials	Quantities Accepted
sewer, extra-strength concrete, lin. ft.	37,010
sewer, reinforced concrete, Class II, lin. ft.	85,011
sewer, standard strength concrete, lin. ft.	181,037
steel, lbs.	394,075
water, copper, lin. ft.	1,540
Plates:	
bridge bearing, bronze, lbs.	32,580
cast bronze, lbs.	446
iron, wrought, lbs.	34,460
Plywood, treated, sq. ft.	7,129
Poles, power, wood, penta-treated, number	2
Posts:	
aluminum, handrail, number	17,908
aluminum, sign, lbs.	4,442
bridge rail, steel, lbs.	36,722
channel, lin. ft.	43,933
delineator, lbs.	56,611
fence, galvanized, lbs.	495,103
fence, right-of-way, lbs.	2,100
fence, steel, lbs.	228,553
fence, wood, penta-treated, number	1,729
guard, wood, creosoted, number	1,622
guard, wood, penta-treated, number	3,047
guard rail, steel, lbs.	581,902
guard rail, wood, creosoted, number	2,642
guard rail, wood, penta-treated, number	19,296
guide, wood, penta-treated, number	700
sign, steel, lbs.	129,361
sign, wood, creosoted, lin. ft.	8,726
sign, wood, penta-treated, lin. ft.	1,090,564
snow fence, steel, lbs.	183,632
steel, lbs.	197,864
Red iron oxide for PCC, lbs.	450
Reflectors:	
buttons, number	28
delineator and sheeting, number	9,357
material, sq. ft.	105,562
Salt, rock, tons	194,040
Scotch rok, lbs.	300
Sealant, bridge deck, gals.	4,135
Seeds, lbs.	703,088
Sheeting:	
aluminum, lbs.	1,217
lead, lbs.	13,439
steel, lbs.	22,732
Sign panels, reflectorized, sq. ft.	4,134
Signs:	
bridge, reflectorized, number	24
standard, aluminum, number	1,716
wood, number	28
Solvent, xylene for thinning tar paint, gals.	5,900
Steel:	
bars, reinforcement, lbs.	58,401,120
blades, snow plow, lbs.	146,766
bolts and expansion hooks, number	18,018
bridge hardware, lbs.	969,061
cable, road guard, lin. ft.	120,161
center joints and accessories, lbs.	849,874
chains, cross, number	1,400
chains, tire, pairs	207
corrugated ditch checks, lbs.	288,764
dowel bar assembly, lbs.	2,814,158
fabric reinforcement, lbs.	36,850,091
plate beam guardrail, galvanized, lbs.	3,233,998
plate beam guardrail, painted, lbs.	179,325
stainless, lbs.	4,459
structural, lbs.	81,284,015
Tile:	
drain, clay, lin. ft.	25,656
drain, concrete, lin. ft.	3,007
Waterstop:	
polyvinyl plastic, lin. ft.	3,582
rubber, lin. ft.	19,176
Weed killer, gals.	16,101
Wire:	
barbed, lin. ft.	1,643,030
galvanized, lbs.	369,378
post, tension, lbs.	1,830
snow fence, lbs.	23,300

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5. SOILS.—During 1963, a total of 1,275 soil samples were received in the Springfield Laboratory. These included Shelby tube samples needed for stability and settlement analyses, samples for classification tests, and other samples for special tests such as California Bearing Ratio, cement requirement for stabilization, and pozzolanic stabilization design tests.

Over 3,200 specimens were prepared and tested from the 916 Shelby tubes received. On the basis of unconfined compressive strength tests, triaxial shear tests, and consolidation tests, together with field data from the areas of questionable stability, analyses were made and corrective design or construction features recommended where necessary.

A representative of the Soils Section of the Bureau of Materials again served with members from the Bureaus of Construction and Design on a committee to review soil reports and recommendations submitted for highway projects involving State funds.

TABLE 27.—QUANTITIES OF MAINTENANCE TOOLS AND SUPPLIES
ACCEPTED BY INSPECTION DURING 1963.

Item	Quantity Accepted	Item	Quantity Accepted
Augers, posthole.....	24	Mattocks, all kinds.....	138
Axes, chopping, single bit.....	426	Oilers, bench.....	185
Barricade horses, sets.....	902	Oilers, hand pump type.....	232
Bars, wrecking.....	96	Pails, water.....	256
Bits, car and wood auger.....	252	Picks, railroad or clay.....	132
Bolts, nuts and washers, tons.....	29.6	Pliers, slip-joint.....	528
Boots, rubber, pairs.....	196	Pneumatic tools:	
Braces, ratchet bit.....	42	asphalt cutters.....	182
Brooms, all kinds.....	2,892	concrete breakers.....	1,278
Brushes, paint, all sizes.....	3,180	dirt tampers.....	12
Cans, asphalt, pouring.....	278	hollow drill steel.....	144
Cans, gasoline, Types 1 & 11.....	785	rock drill bits.....	432
Cans, oil.....	338	Post drivers.....	92
Cans, supply.....	274	Pruners, all kinds.....	204
Cans, water, insulated, all sizes.....	462	Putty knives.....	372
Chains, accessories, pieces.....	6,146	Rakes, asphalt and road.....	726
Chains, safety, feet.....	5,800	Rope, manila, all sizes, feet.....	16,800
Chains, tow, all sizes, feet.....	10,280	Rubbing bricks.....	66
Chisels, all kinds.....	384	Rules, multiple folding.....	360
Cloths, wiping, lbs.....	12,600	Saws, various sizes and kinds.....	216
Covers, burlap, sq. yd.....	108	Scissors, pocket.....	198
Crowbars.....	204	Scraping knives.....	282
Cutters, bolt.....	113	Screw drivers, various sizes.....	680
Diggers, posthole.....	180	Scythe blades.....	390
Extinguishers, fire, all sizes.....	124	Scythe hooks.....	342
Files, all kinds.....	3,120	Scythe hook blades, extra.....	114
Flags, red danger, all sizes.....	5,978	Scythe snaths.....	264
Forks, manure.....	174	Scythe stones.....	1,956
Fusees, red light, dozen.....	1,591	Shovels, scoops, spades, etc.....	3,970
Goggles, extra lens.....	434	Signs, stop-slow paddle type.....	576
Goggles, safety, pair.....	540	Sledges, all weights.....	278
Grass hooks.....	594	Sprayers, hand.....	182
Guns, grease.....	495	Squares, steel, all sizes.....	11
Hacksaw blades.....	1,870	Tampers, hand.....	150
Hacksaw frames.....	78	Tables, roadside, rustic.....	171
Hammers, ball peen.....	480	Tarpaulins, various sizes.....	381
Hammers, carpenters', nail.....	288	Torches, extra wicks.....	2,472
Handles, tool, various.....	1,698	Torches, kerosene, warning.....	2,216
Hatchets, claw.....	168	Tripods, warning type.....	1,602
Jacks, hydraulic, truck.....	24	Wedges, timber.....	48
Kits, first aid, empty all sizes.....	696	Wire rope, various sizes, feet.....	6,000
Ladders, metal, all sizes.....	6	Wire rope clips, various sizes.....	350
Ladders, wood, all kinds and sizes.....	50	Wrenches, all kinds.....	1,217
Lights, trouble, portable.....	101		

6. CONTROL OF CONCRETE MIXTURES.—Beam specimens were made and tested on most projects in nine of the ten highway districts during 1963 to provide an index of the effectiveness of the control of the concrete mixtures. One district followed this practice on county and FAS sections, but made and tested cylinder specimens on all projects under State contracts and city sections. One other district made a few compressive tests.

The results of over 32,000 flexural and 5,600 compressive tests, representing the standard-strength air-entrained concrete, were reported to the Bureau during 1963. Table 28 shows the average 14-day flexural strength in comparison with similar data obtained in previous years. The results obtained in 1963 show a slight increase over 1962 on State sections for both pavement and structures. For city, county, and township sections, the averages of flexural strengths in 1963 are somewhat lower than in 1962. It should be mentioned, though, that the number of beams tested in 1963 is less than in 1962 for the city, county, and township sections. Table 29 shows the average 14-day compressive strength. The compressive strength obtained in 1963 indicates a decrease in strength from that shown for 1962 on State, city, county, and township sections. Nearly all sections constructed during 1963 were under the specification of the increased air content requirements of 4-6 percent.

TABLE 28.—NUMBER OF BEAMS OF STANDARD-STRENGTH AIR-ENTRAINED PORTLAND CEMENT CONCRETE TESTED DURING 1963, AND COMPARISON OF STRENGTHS FROM YEAR TO YEAR.

Class and Type of Construction	Number of Beams Tested in 1963		Average 14-day Modulus of Rupture in Pounds per Square Inch				
	Total	At 14 Days	1963	1962	1961	1960	1959
State sections—pavement.....	3,770	1,740	817	808	822	811	817
State sections—structures.....	9,854	4,554	797	786	789	801	799
County and city sections—pavement.....	774	319	784	835	789	816	813
County, city, and township sections—structures.....	1,901	824	758	778	770	810	802

Notes: Standard-strength air-entrained portland cement concrete for FAS sections showed 194 beams averaging 703 psi, and 214 beams averaging 797 psi at 7 and 14 days, respectively, for pavement concrete; and 666 beams averaging 700 psi, and 615 beams averaging 784 psi at 7 and 14 days, respectively, for structure concrete.

Two breaks were made on each beam and the number of tests is twice the number of beams shown. Beams made before April 1 and after October 31 are not included.

7. DESIGN AND CONTROL OF HIGH-TYPE BITUMINOUS MIXTURES.—During the year, 98 bituminous paving plants were used in manufacturing subclass I-11 bituminous mixtures for the resurfacing of 492.6 miles of rigid base pavement, 102.5 miles of flexible base pavement, and in placing approximately 1,288,498 square yards of bituminous mixtures for patches on old rigid-type pavements. The plants used in producing these mixtures had been previously inspected and approved by the Bureau of Materials.

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TABLE 29.—NUMBER OF CYLINDERS OF STANDARD-STRENGTH AIR-ENTRAINED PORTLAND CEMENT TESTED DURING 1963, AND COMPARISON OF STRENGTH FROM YEAR TO YEAR.

Class and Type of Construction	Number of Cylinders Tested in 1963		Average 14-day Compressive Strength in Pounds per Square Inch				
	Total	At 14 Days	1963	1962	1961	1960	1959
State sections— pavement.....	1,428	631	3,979	4,336	4,494	4,174	3,572
State sections— structures.....	3,069	1,523	3,812	3,908	4,149	4,035	3,702
County and city sections— pavement.....	356	200	3,677	3,932	2,829	3,484	3,582
County, city, and township sections— structures.....	791	386	3,855	3,927	3,585	3,897	3,293

Notes: Cylinders made before April and after October 31 are not included.

The average strength for county, city, and township sections for both pavement and structures include tests results obtained from various commercial testing laboratories as well as regular State test results.

The bituminous mixtures used in the resurfacing consisted of binder and surface course mixtures of the dense-graded aggregate type. The maximum size aggregate in the binder course mixture was 1-inch and the surface course mixture 1/2-inch. In general, the bituminous mixtures were placed in two compacted courses having depths of 1 1/2 inches for each course.

The plant control of the bituminous mixtures was under the direct control of the district materials sections acting under the general supervision of the Bureau of Materials. The Bureau of Materials designed the mixtures by the Marshall method. Trial batches were prepared using materials from the same sources as used in the manufacture of the mixtures for the resurfacing. From the Marshall tests obtained on the trial batches, mixing formulas were set that would give satisfactory stability, flow value, and voids. Daily check samples or check samples representing each 1000 tons of the bituminous mixtures were sent to the Chicago or Springfield Laboratory for analyses. Tests results were promptly forwarded to the proportioning engineer to aid him in control of the bituminous mixtures. The Bureau of Materials uses a portable field laboratory for extraction and density tests to assist the district materials section in plant control.

8. INVESTIGATIONS.—Summary reports of major studies or investigations conducted or in progress during 1963 follow:

(a) *Tests of Concrete Pavement Cores.*—There were 5,985 pavement cores tested during 1963. Compressive strength tests were made on 3,410 cores with the following results:

Number of Cores	36	458	840	1,068	779	172	57
Ave. range, months.....	0-1.5	2-3.5	4-5.5	6-9.5	10-14.5	15-21.5	22-29
Ave. age, months.....	1	2.52	4.36	7.42	11.78	16.58	28.21
Ave. strength, psi.....	4062	4452	5084	5110	5309	5453	6201

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Air determinations were made on 2,575 cores. The average air content was 4.2 and 4.9 per cent for the 3 to 5 and 4 to 6 per cent specifications, respectively. The air contents were distributed as follows:

Item	Per Cent Range of Air Content								
	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9
Number of cores— 3 to 5 per cent specifica- tion.....	1	7	17	53	63	47	13	3	0
Number of cores— 4 to 6 per cent specifica- tion.....	13	16	93	335	758	715	307	108	26

Note: All cores tested for compressive strength and air content falling on a division of the range are included in the next higher range.

(b) *Inspection of Precast Prestressed Concrete Bridge Beams.*—During the year, 609 precast prestressed concrete beams were accepted for use in the construction of new bridges and widening of old bridges. This included 589 deck beams and 20 I-beams. Besides the observation of the processes involved and the condition of the completed product, the concrete was controlled by several hundred slump and air tests, as well as the moulding and testing of approximately 3,600 concrete cylinders.

(c) *Investigations of Paints and Enamels.*—The outside weathering tests on a series of metal priming paints are still in progress.

The outside weathering test on standard baking sign enamels cured at higher baking temperatures is in progress, with no noticeable adverse effects at this time.

(d) *Laboratory Investigation in Connection with Bituminous Resurfacing Program.*—Bituminous mixtures used in resurfacing old rigid-type pavements were investigated using the Marshall method. A total of 734 tests were made on the surface course mixtures produced for use on State jobs. These samples had an average Marshall stability of 1,937 pounds, an average Marshall flow value of 13.6, and average Marshall density of 2.44. A total of 449 tests were made on binder course mixtures produced for State jobs. These samples had an average Marshall stability of 1,936 pounds, an average Marshall flow value of 13.2, and average Marshall briquette density of 2.46. A total of 216 cores were cut from bituminous pavements at various locations for investigation. All of these cores were tested for density and voids, and some of them for the per cent of bitumen, the gradation of aggregates, and recovery of asphalt.

The investigation started in 1942 to study the changes which take place in the properties of the asphalt cement used in subclass I-11 surface course mixtures during mixing, transportation, placing, and weathering has been discontinued. At locations where samples were being taken, the road has been relocated or resurfaced.

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An investigation started in 1956 to determine to what extent traffic compacts subclass I-11 is being continued. Cores are being taken at intervals from several locations to determine the density under traffic. The data shows that traffic compacts subclass I-11 mixtures to approximately the density obtained on the Marshall briquettes.

Density determinations were made on pavement samples from each day's run of binder or surface course. The tests show that the surface course mixtures were compacted to an average density of 95.5 per cent of a voidless pavement and the binder mixture to an average of 96.5 per cent.

(e) *High Pressure Apparatus for Determining Voids in Compacted Bituminous Mixtures.*—This apparatus was described in the 1956 annual report and was used during the past year to determine the per cent air in subclass I-11 bituminous mixture samples taken at the hot mix plants and in pavement samples taken from the road. The air voids determined from Marshall briquettes made from bituminous mixture samples taken at the hot mix plant were used this year in the computation of density in compacted subclass I-11 bituminous mixtures. Tests on briquettes made from 449 samples of binder course mixture showed an average of 2.20 per cent air, and from 734 samples of surface course mixture an average of 1.81 per cent air.

9. DEPARTMENTAL SERVICES.—Other services rendered by the Bureau of Materials during 1963 include: 339 pavement loading analyses in connection with 61 requests for permits to move or operate 89 overweight vehicles and heavy equipment; a variety of tables, cabinets, and shelves constructed or repaired; 1,128 metal samples prepared for tests in the chemical and physical laboratories; fabrication of 24 freeze-thaw baskets and a compaction adapter for the concrete laboratory; 2 new integrators for the road roughness machine and 2 fault measuring devices for the Bureau of Research and Development; 55 low pressure air meters for the various districts; repair and calibration of various gauges and pieces of field equipment; and calibration of gauges on post-tensioning beds at prestressed concrete plants in various locations throughout the State. The maintenance of equipment and the facilities of the Chicago Branch laboratory and the buildings at 126 and 200 East Ash Street in Springfield was a major project. Two photographers prepared 262 4 x 5-inch negatives and 19 prints, 613 8 x 10-inch negatives and 3,805 prints, twenty-three lantern slides, 2,000 feet of movie film, and 192 11 x 14-inch negatives for multilith work, all in connection with the work on various projects throughout the State. An assistant prepared 16,489 photostatic prints.

VIII. MAINTENANCE

1. GENERAL.—Maintenance and operation of the State highway system are the responsibility of the Bureau of Maintenance. The work is accomplished by two sections established in the Bureau: (1) The Maintenance Section and (2) The Day Labor Section.

The Maintenance Section is concerned with budgetary control of maintenance funds; procurement of materials, equipment, and supplies; and the general supervision of all maintenance activities carried on by the ten highway districts. The Day Labor Section performs original construction and maintenance work of an extraordinary nature throughout the State.

Each highway district organization includes a district engineer of maintenance who, under the district engineer, is responsible for maintenance of State highways in that district. The field organization of the district consists of *field engineers* in charge of work in their part of the district; *maintenance supervisors*, who have direct supervision of 8 to 12 section men; *section men*, each of whom maintains from 20 to 25 miles of highway; and *maintenance labor foremen* who operate with special crews and equipment for performing extraordinary or heavy maintenance work.

2. MILES MAINTAINED.—The Bureau of Maintenance is responsible for maintaining all State highways. Most of the mileage is maintained directly by State highway maintenance forces, but in some instances a municipality or county may maintain a State section under an agreement with the State and the State pays the local government for this service.

For cost accounting purposes the Bureau of Maintenance uses the weighted average miles maintained for computation of costs per mile. However, for other purposes the miles maintained at the end of the calendar year are needed for checking with other informational releases of the Division, consequently, both mileages are given in each of the interstate, regular, and expressway maintenance tables.

A summary of the mileages maintained at December 31, 1963, the weighted average mileage, and number of highway and bridge patrols is given in the tabulation which follows:

Class of Work	Miles Maintained		Number of Patrols	
	At Dec. 31, 1963	Weighted Average Mileage	Highway	Bridge
Direct Maintenance:				
Interstate.....	494.54	462.11	56	485
Regular.....	14,315.63	14,295.09	2,415	1,536
Expressway.....	90.75	90.75	5	63
Subtotal.....	14,900.92	14,847.95	2,476	2,084
Municipal Street Maintenance.....	771.03	771.03		
Total.....	15,671.95	15,618.98		

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The details concerning interstate, regular, and expressway maintenance are give in Tables 30, 31, and 32, respectively, while the cost for both maintenance and operation for 1963 is compared with the previous year in Tables 34 and 35. State maintenance of streets and belt-lines is not included in these tables, but on page 198 a brief discussion of municipal maintenance is given.

The mileage, cost, and cost per mile for each class of State highway is summarized below:

System	Miles	Maintenance	Operation	Total Cost	Cost Per Mile
Interstate.....	462.11	\$ 568,275.34	\$ 1,445,575.08	\$ 2,013,850.42	\$ 4,357.95
Regular.....	14,295.09	15,220,803.38	22,707,718.39	37,928,521.77	2,653.26
Expressway.....	90.75	644,497.45	3,925,365.69	4,569,863.14	50,356.62
Subtotal.....	14,847.95	\$16,433,576.17	\$28,078,659.16	\$44,512,235.33	\$ 2,997.87
Municipal.....	771.03			625,898.09	\$ 811.77
Total.....	15,618.98			\$45,138,224.42	\$ 2,889.96

The term *operation* is applied to that work which is incidental to the maintenance of the structural parts of the highways, but which tends to increase highway efficiency and safety to the traveling public. It includes placement of centerline and guideline markings, the erection and upkeep of markers and safety signs, upkeep of protective devices and guardfence, removal of dirt and debris, snow removal and ice control work, and vegetation control. These costs are more or less independent of the type and age of the highway.

Costs for the placement of centerline and guideline markings, the erection and upkeep of markers and safety signs, and the upkeep of protective devices are incurred by both the Bureau of Traffic and the Bureau of Maintenance, but the direction and control of these costs are exercised by the Bureau of Traffic. Table 35 shows only the total costs for the above items under the class of work entitled Traffic operation. A detailed breakdown of these costs appears in Section XI, Traffic, of this report.

Maintenance costs are assembled by units called *maintenance patrols*. A patrol consists of the adjacent sections of pavement of the same type and age and usually on the same route. *Operation* costs are assembled by *maintenance sections* comprised of the patrols or portions of patrols maintained by one section man.

In computing costs for each of the various accounts, such as maintenance of wearing surface, shoulders, ditches and drainage structures, and snow removal and ice control activities, all overhead and depreciation charges are distributed on the basis of the hours of labor involved in each account.

The 90.75 miles of expressways for which costs are shown separately consists of Edens, Kennedy, Eisenhower, Dan Ryan, and Calumet Expressways all in the metropolitan area of Chicago. These include 6, 8, 10, and more lane facilities serving traffic as high as 200,000 cars daily. With traffic of this magnitude, much of the maintenance and operations must be done at night or very early in the morning when traffic is low.

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TABLE 30.—INTERSTATE MAINTENANCE PATROLS, MILEAGE, AND COST FOR 1963. (EXCLUSIVE OF INTERSTATE HIGHWAYS COINCIDENT WITH EXPRESSWAYS IN COOK COUNTY)

Account	Unit	Types of Surfaced Roads			Bridges of 100 Ft. Length and Over	Grand Total
		Portland Cement Concrete	Other Bit. Types on Flexible Base	Service Drives		
Number of Patrols.....	-----	55	1	-----	485	541
Miles maintained at December 31, 1963.....	-----	483.39	11.15	-----	-----	494.54
Weighted average miles maintained during 1963.....	-----	450.96	11.15	-----	-----	462.11
Maintenance of wearing surface—Paved surface.....	Cost.....	\$143,864.30	\$4,152.73	-----	-----	\$148,017.03
	Cost per mile..	319.02	372.45	-----	-----	320.31
Shoulders, ditches, cuts, and fills.....	Cost.....	311,707.18	2,281.42	-----	-----	313,988.60
	Cost per mile..	691.21	204.61	-----	-----	679.47
Small bridges concrete and steel.....	Cost.....	1,465.69	-----	-----	-----	1,465.69
	Cost per mile..	3.25	-----	-----	-----	3.17
Culverts and other drainage facilities.....	Cost.....	23,108.34	276.20	-----	-----	23,384.54
	Cost per mile..	51.24	24.77	-----	-----	50.60
Miscellaneous structures and facilities.....	Cost.....	7,544.49	-----	-----	-----	7,544.49
	Cost per mile..	16.73	-----	-----	-----	16.33
Large bridges ¹ (100-ft. length or over).....	Cost.....	-----	-----	-----	33,103.88	33,103.88
	Cost per bridge	-----	-----	-----	68.26	68.26
Service drives.....	Cost.....	-----	-----	40,771.11	-----	40,771.11
	Cost per mile..	-----	-----	-----	-----	88.23
Total maintenance cost.....	-----	\$487,690.00	\$6,710.35	\$40,771.11	\$33,103.88	\$568,275.34
Total cost per mile ²	-----	\$ 1,081.45	\$ 601.83	-----	-----	\$ 1,229.74

Notes: All costs include administration and engineering expense of the districts and a pro rata share of the central office expense.
¹ Includes the costs for maintenance of movable span bridges formerly reported separately.
² Cost per mile is found by dividing weighted average mileage into applicable costs.

TABLE 31.—REGULAR MAINTENANCE PATROLS, MILEAGES, AND COSTS FOR 1963.¹

Account	Unit	Types of Surfaced Roads								Bridges of 100-Foot Length or Over and Misc. Items	Grand Total
		Portland Cement Concrete	Brick	Sheet Asph. and Bit. Conc. on Rigid Base	Other Bituminous Types		Bituminous Surface Treatment	Water-bound Macadam	Gravel		
					Rigid Base	Flexible Base					
Number of patrols	Bridges, Highway	1,396	35	84	9	38	99	4	30	1,536	1,536 2,415
Maintained Dec. 31, 1963	Miles	6,932.99	37.10	6,676.74	30.23	149.54	425.59	7.13	56.31		14,315.63
Maintained (weight average)	Miles	7,118.36	37.76	6,472.25	31.04	128.00	442.04	7.13	58.51		14,295.09
Wearing surface	Cost Cost per mile	\$5,286,236.52 742.62	\$31,233.97 827.17	\$3,134,251.41 484.26	\$11,342.12 365.40	\$17,914.06 139.95	\$129,576.76 293.13	\$3,929.41 551.11	\$11,041.22 188.71		\$8,625,525.47 603.39
Shoulders, ditches, cuts, and fills	Cost Cost per mile	2,846,508.18 399.88	16,758.82 443.82	2,056,474.34 317.74	5,344.09 172.17	33,940.81 265.16	122,772.53 277.74		19,229.77 328.66		5,101,028.54 356.84
Small bridges (less than 100-ft. length)	Cost Cost per mile	82,447.84 11.53	259.01 6.86	67,891.77 10.49	29.84 0.96	998.52 7.80	3,828.21 8.66				155,455.19 10.87
Culverts and other drainage facilities	Cost Cost per mile	178,499.16 25.08	831.83 22.03	212,530.48 32.84	1,107.10 35.67	2,122.83 16.58	9,735.40 22.02				404,826.80 28.32
Miscellaneous items	Cost Cost per mile	17,797.66 2.49	63.65 1.69	12,639.31 1.96		289.42 2.26	235.31 0.53				30,985.35 2.17
Large bridges ² (100-ft. length and over)	Cost Cost per bridge									889,241.58 578.93	
Service drives	Cost Cost per mile									13,740.45 0.96	13,740.45 0.96
Total maintenance cost ³		\$3,411,399.36	\$49,147.28	\$5,483,837.31	\$17,823.15	\$55,265.64	\$266,148.21	\$3,929.41	\$30,270.99	\$902,982.03	\$15,220,803.38
Total cost per mile ³		\$1,181.65	\$1,301.57	\$847.29	\$574.20	\$431.76	\$602.09	\$551.11	\$517.36		\$1,064.76

Notes: All costs include administration and engineering expense of the district offices and a pro rata share of the central office expense.
¹ Does not include costs for 462.11 miles of interstate highways or 90.75 miles of expressways which are reported in Table 30 and 32 of this section.
² Includes costs for maintenance of movable-span bridges formerly reported separately.
³ Cost per mile is found by dividing weighted average mileage into applicable costs.

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TABLE 32.—EXPRESSWAY MAINTENANCE PATROLS, MILEAGES, AND COSTS FOR 1963.¹

Account	Unit	Total
Number of Patrols ²	Bridges.....	63
	Highways.....	5
Maintained at December 31, 1963.....	Miles.....	90.75
Maintained (weighted average).....	Miles.....	90.75
Maintenance:		
Wearing Surface.....	Total cost.....	\$310,337.58
	Cost per mile....	3,419.70
Shoulders, ditches, cuts, and fills.....	Total cost.....	55,442.54
	Cost per mile....	610.94
Culverts and other drainage facilities.....	Total cost.....	46,417.88
	Cost per mile....	511.49
Large bridges or overhead structures (100-ft. length and over).....	Total cost.....	231,698.40
	Cost per bridge..	754.72
Miscellaneous structures and facilities.....	Total cost.....	601.05
	Cost per mile....	6.62
Total Maintenance	Total cost.....	\$644,497.45
	Cost per mile....	\$ 7,101.90
Operation:		
Cutting and clearing vegetation.....	Total cost.....	\$362,733.33
	Cost per mile....	3,997.06
Snow removal and ice control.....	Total cost.....	743,130.82
	Cost per mile....	8,188.77
Clearing dirt and debris.....	Total cost.....	1,322,569.13
	Cost per mile....	14,573.77
Roadside planting maintenance.....	Total cost.....	88,953.32
	Cost per mile....	980.20
Upkeep of guardfence.....	Total cost.....	193,523.13
	Cost per mile....	2,132.49
Subway and drainage pumping.....	Total cost.....	132,170.12
	Cost per mile....	1,456.42
Traffic operation ³	Total cost.....	1,082,285.84
	Cost per mile....	11,926.01
Total Operation	Total cost.....	\$3,925,365.69
	Cost per mile....	43,254.72
Total highway maintenance and operation.....	Total cost.....	\$4,569,863.14
	Cost per mile....	50,356.62

Note: All costs include administration and engineering expense of the district office and a pro rata share of the central office expense.

¹ Cost per mile is calculated by using weighted average miles maintained.

² Included in the 63 patrols for bridges of 100 ft. or longer there are 307 individual structures.

³ Payable from the appropriation for highway traffic operations.

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Other factors contributing to higher maintenance costs are more extensive drainage problems on depressed sections, greater number of structures to maintain, more signs and more lanes to stripe, lighting equipment to service, more rigid requirements in snow removal and ice control, and more extensive care of landscaping and control of vegetation. These services together with generally higher wage scales in the metropolitan area result in the cost per mile for maintenance and operation of expressways of \$50,356.62.

If reduced to a cost per lane-mile, maintenance of expressways would be about 5 times that of the rural highways and if converted to a cost per vehicle mile served the maintenance of expressways would be considerably less than that of other State highways.

3. MAINTENANCE AND COST ACCOUNTING.—The term *maintenance*, for the purpose of cost accounting, designates that work which tends to preserve the structural elements of the highways in their original condition or subsequently improved. Specific activities classified as maintenance are upkeep of the wearing surface, shoulders, ditches, and structures. The cost of this work is in a large measure dependent upon the type and age of the existing facility and upon the traffic which it accommodates.

4. EXPENDITURES AND COSTS.—Table 33 shows annual cash expenditures and costs by accounts according to the biennial appropriations passed by the Seventy-second and Seventy-third General Assemblies for highway maintenance and highway traffic operations. The cash expenditures in these statements correspond to the accounts captioned Maintenance of State highways and Highway traffic control, appearing in Table 13.

The costs as shown in these tables include cash expenditures for direct charges, administration and engineering, equipment depreciation, and various credits.

A comparison of maintenance and operation costs for 1963 with that of 1962 is given for interstate highways in Table 34, and for regular maintenance in Table 35. In Table 36 the mileage maintained and the expenditures for maintenance and operation is listed for each year since 1930.

TABLE 33.—EXPENDITURES AND COSTS DURING 1963 FOR HIGHWAY
MAINTENANCE AND OPERATION.

Accounts	Expenditures	Costs
Direct charges:		
Maintenance and operation of highways.....	\$34,916,196.73	\$34,480,114.93
Administration and engineering:		
District offices.....	2,152,650.12	2,152,650.12
Bureau offices.....	278,189.59	278,189.59
Subtotal.....	\$37,347,036.44	\$36,910,954.64
Equipment.....	3,776,331.74	1,703,603.37
Credits.....		100,078.06
Total maintenance and operation (exclusive of traffic operation) ..	\$41,123,368.18	\$38,514,479.95
Total traffic operation and equipment ²	6,161,267.68	5,997,755.38
Total maintenance and operation (including traffic operation)	³ \$47,284,635.86	\$44,512,235.33

¹ Equipment depreciation figured on straight-line basis.

² Breakdown of traffic operation costs is shown in Section XI, Traffic, of this report.

³ Payable from the biennial appropriations passed by the 72nd and 73rd General Assemblies for highway maintenance and highway traffic operations.

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TABLE 34.—COMPARISON OF INTERSTATE MAINTENANCE AND OPERATION COSTS FOR 1962 AND 1963.
(EXCLUSIVE OF INTERSTATE HIGHWAYS COINCIDENT WITH EXPRESSWAYS IN COOK COUNTY.)

Class of Work	1962 Costs ¹			1963 Costs ¹			Change	
	Total	Per Cent of Total	Per Mile	Total	Per Cent of Total	Per Mile	Total	Per Mile
Maintenance:								
Wearing surface.....	\$133,908.43	8.44	\$340.02	\$148,017.03	7.35	\$320.31	\$14,108.60	\$-19.71
Shoulders, ditches, cuts, and fills.....	181,345.38	11.43	460.48	313,988.60	15.59	679.47	132,643.22	218.99
Large bridges—100 ft. length and over.....	50,132.97	3.16	2125.96	33,103.88	1.64	268.26	-17,029.09	-57.70
Culverts and other drainage facilities.....	22,293.73	1.40	56.61	23,384.54	1.16	50.60	1,090.81	-6.01
Small bridges—less than 100 ft. length.....	2,005.40	0.13	5.09	1,465.69	0.07	3.17	-539.71	-1.92
Miscellaneous structures and facilities.....	3,441.38	0.22	8.74	7,544.49	0.38	16.33	4,103.11	7.59
Service drives.....	34,451.30	2.17	87.48	40,771.11	2.03	88.23	6,319.81	0.75
Total maintenance.....	\$427,578.59	26.95	\$1,085.72	\$568,275.34	28.22	\$1,229.74	\$140,696.75	\$144.02
Operation:								
Cutting and clearing vegetation.....	\$374,199.18	23.58	\$950.18	\$456,796.09	22.68	\$988.50	\$82,596.91	\$38.32
Snow removal and ice control.....	343,797.17	21.67	872.98	396,927.98	19.71	858.95	53,130.81	-14.03
Clearing dirt and debris.....	208,845.50	13.16	530.30	300,937.22	14.94	651.22	92,091.72	120.92
Roadside planting maintenance.....	65,554.64	4.13	166.46	86,437.27	4.29	187.05	20,882.63	20.59
Upkeep of guardfence.....	46,542.27	2.93	118.18	43,025.43	2.14	93.11	-3,516.84	-25.07
Subway and drainage pumping.....	1,649.35	0.11	4.19	6,425.40	0.32	13.90	4,776.05	9.71
Rest area maintenance.....	118,512.34	7.47	300.93	2,276.73	0.11	4.93	2,276.73	4.93
Traffic operation ³				152,748.96	7.59	330.55	34,236.62	29.62
Total operation.....	\$1,159,100.45	73.05	\$2,943.22	\$1,445,575.08	71.78	\$3,128.21	\$286,474.63	\$184.99
Total highway maintenance and operation.....	\$1,586,679.04	100.00	\$4,028.94	\$2,013,850.42	100.00	\$4,357.95	\$427,171.38	\$329.01

Note: Costs include administration and engineering expense of district offices and a pro rata share of the central office expense.
¹ Cost per mile in this table was based on weighted average miles maintained of 393.82 and 462.11 for 1962 and 1963, respectively.
² Cost per bridge—includes costs for maintenance of movable-span bridges formerly reported separately.
³ Payable from highway traffic operations appropriation—a breakdown of traffic costs is shown in a separate table in this report.

TABLE 35.—COMPARISON OF REGULAR HIGHWAY MAINTENANCE AND OPERATION COSTS FOR 1962 AND 1963.

Class of Work	1962 Costs			1963 Costs			Change	
	Total	Per Cent of Total	Per Mile ¹	Total	Per Cent of Total	Per Mile ¹	Total	Per Mile
Maintenance:								
Wearing surface-----	\$10,876,840.84	29.97	\$759.72	\$8,625,525.47	22.74	\$603.39	\$-2,251,315.37	\$-156.33
Shoulders, ditches, cuts and fills-----	4,524,858.13	12.47	316.05	5,101,028.54	13.45	356.84	576,170.41	40.79
Large bridges (100-ft. length and over)-----	580,277.25	1.60	1385.57	889,241.58	2.34	1578.93	308,964.33	1193.36
Culverts and other drainage facilities-----	344,077.27	0.95	24.03	404,826.80	1.07	28.32	60,749.53	4.29
Small bridges (less than 100-ft. length)-----	118,965.51	0.33	8.31	155,455.19	0.41	10.87	36,489.68	2.56
Miscellaneous structures and facilities-----	42,547.50	0.12	2.97	30,985.35	0.08	2.17	-11,562.15	-0.80
Service drives-----	12,500.01	0.02	0.87	13,740.45	0.04	0.96	1,240.44	0.09
Total maintenance-----	\$16,500,066.51	45.46	\$1,152.48	\$15,220,803.38	40.13	\$1,064.76	\$-1,279,263.13	\$-87.72
Operation:								
Cutting and clearing vegetation-----	\$4,709,957.76	12.98	\$328.98	\$5,908,885.93	15.58	\$413.35	\$1,198,928.17	\$84.37
Snow removal and ice control-----	7,387,683.09	20.35	516.01	6,941,929.43	18.30	485.62	-445,753.66	-30.39
Clearing dirt and debris-----	2,889,331.22	7.96	201.81	3,949,815.49	10.42	276.31	1,060,484.27	74.50
Roadside planting maintenance-----	234,192.89	0.64	16.36	543,038.48	1.43	37.99	308,845.59	21.63
Upkeep of guardfence-----	318,535.94	0.88	22.25	479,483.39	1.26	33.54	160,947.45	11.29
Subway and drainage pumping-----	104,003.37	0.29	7.26	119,198.85	0.31	8.34	15,195.48	1.08
Electric lighting-----	1,941.01	0.01	0.14	2,646.24	0.01	0.18	705.23	0.04
Traffic operation-----	4,147,243.74	11.43	289.67	4,762,720.58	12.56	333.17	615,476.84	43.50
Total operation-----	\$19,792,889.02	54.54	\$1,382.48	\$22,707,718.39	59.87	\$1,588.50	\$2,914,829.37	\$206.02
Total highway maintenance and operation-----	\$36,292,955.53	100.00	\$2,534.96	\$37,928,521.77	100.00	\$2,653.26	\$1,635,566.24	\$118.30

¹ Cost per mile in this table was based on weighted average miles maintained of 14,316.97 and 14,295.09 for 1962 and 1963, respectively.

² Cost per bridge.

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TABLE 36.—COMPARISON OF ANNUAL MAINTENANCE AND HIGHWAY OPERATION COSTS, 1930 to 1963, INCLUSIVELY. (INCLUDES INTERSTATE AND REGULAR MAINTENANCE)

Year	Mileage	Maintenance		Operation		Total Maintenance and Operation	
		Total Cost	Cost Per Mile	Total Cost	Cost Per Mile	Total Cost	Cost Per Mile
1930	8,519	\$1,749,647.18	\$205.38	\$1,337,611.34	\$157.02	¹ \$3,087,258.52	\$362.40
1931	9,530	1,958,134.12	205.47	1,328,918.40	139.45	¹ 3,287,052.52	344.92
1932	10,459	2,332,253.28	222.99	1,558,649.90	149.02	¹ 3,890,903.18	372.01
1933	11,234	1,819,343.39	161.95	1,162,922.67	103.52	2,982,266.06	265.47
1934	11,886	2,267,471.80	190.77	1,444,799.78	121.55	3,712,271.58	312.32
1935	12,223	2,391,909.55	195.69	1,574,893.43	128.85	3,966,802.96	324.54
1936	12,515	2,271,627.77	181.51	2,388,325.20	190.84	4,659,952.97	372.35
1937	12,742	2,935,431.25	230.38	2,365,445.29	185.64	5,300,876.54	416.02
1938	13,067	2,730,534.68	208.96	2,669,708.79	204.31	5,400,243.47	413.27
1939	13,319	3,041,150.70	228.33	2,619,706.72	196.69	¹ 5,660,857.42	425.02
1940	13,558	3,079,790.06	227.16	3,253,101.04	239.94	6,332,891.10	467.10
1941	13,853	3,562,474.79	257.16	2,873,841.57	207.46	6,436,316.36	464.62
1942	13,941	3,618,649.34	259.57	3,321,607.68	238.26	6,940,257.02	497.83
1943	14,052	3,090,481.85	219.92	3,311,451.68	235.65	6,401,933.53	455.57
1944	14,093	3,485,901.75	247.36	3,536,330.40	250.94	7,022,232.15	498.30
1945	14,109	3,720,034.95	263.66	4,403,280.19	312.08	8,123,315.14	575.74
1946	14,113	4,061,284.79	287.78	4,650,465.67	329.52	8,711,750.46	617.30
1947	14,125	4,942,038.49	349.87	5,766,839.11	408.26	10,708,877.60	758.13
1948	14,134	6,129,120.23	433.65	6,339,784.75	448.55	12,468,904.98	882.20
1949	14,168	6,973,572.39	492.21	6,455,231.18	455.62	13,428,803.57	947.83
1950	14,224	9,355,382.15	657.70	7,201,589.64	506.29	16,556,971.79	1,163.99
1951	14,248	10,292,240.95	722.39	8,647,635.99	606.95	18,939,876.94	1,329.34
1952	14,256	11,250,460.33	789.20	9,244,739.81	648.50	20,495,200.14	1,437.70
1953	14,233	11,026,356.90	774.71	8,511,335.77	598.00	² 19,537,692.67	1,372.71
1954	14,267	11,994,706.34	840.71	10,968,394.01	768.77	² 22,963,100.35	1,609.48
1955	14,297	11,578,217.78	809.85	11,285,006.47	789.34	² 22,863,224.25	1,599.19
1956	14,344	11,929,219.50	831.65	12,328,119.61	859.46	² 24,257,339.11	1,691.11
1957	14,414	11,984,745.70	831.45	12,702,170.46	881.22	² 24,686,916.16	1,712.67
1958	14,400	13,352,896.89	927.30	13,637,589.64	947.07	² 26,990,486.53	1,874.37
1959	14,434	12,087,221.86	837.41	16,016,040.96	1,109.59	² 28,103,262.82	1,947.00
1960	14,553	13,497,741.50	927.50	18,976,670.78	1,303.98	² 32,474,412.28	2,231.48
1961	14,645	13,742,780.14	938.36	18,466,948.19	1,260.93	² 32,209,728.33	2,199.29
1962	14,711	16,927,645.10	1,150.70	20,951,989.47	1,424.26	² 37,879,634.57	2,574.96
1963	14,757	15,789,078.72	1,069.94	24,153,293.47	1,636.73	² 39,942,372.19	2,706.67

Note: Before 1941 the mileages did not include detours, unpaved, and temporary routes.

¹ Corrected to agree with adjustments made in 1942.

² Does not include costs for maintenance or traffic operation of expressways which are reported in another table of this section.

5. LARGE BRIDGES.—The maintenance patrols for bridges consisted of 485 on interstate highways, 1,536 on regular, and 63 on expressways. This included 485 individual structures on the interstate system, 1,536 on regular maintenance, and 307 on expressways. The cost for bridge maintenance and the cost per bridge is included in the tables of this section.

6. SNOW REMOVAL AND ICE CONTROL.—Table 37 summarizes the cost of snow removal and ice control work for the entire State and by highway districts in three zones during 1963. Table 38 compares the weighted-average mileage and annual cost for this activity for the entire State and for the northern zone for the past thirty-three years.

A total of 150,260 tons of rock salt was applied directly on packed snow and ice during the winter months, and 5,680 tons of calcium chloride were used for treatment of cinders and other abrasives for spreading on the pavements at intersections and other hazardous locations.

Storm warning services provided by two industrial meteorologist companies were again utilized during the winter season with satisfactory results.

MAINTENANCE

7. EXTRAORDINARY MAINTENANCE.—Extensive maintenance projects involving large expenditures are considered as extraordinary maintenance. Such work consists of repairs to any type of structure or roadway facility involving such quantities of material or labor which would make it unfeasible for the regular district organization to perform, or involving costs not provided for in the district budget. Maintenance work performed by private contractors is classed in this category.

The quantities of extraordinary maintenance work completed during 1963 are shown in the following tabulation:

Item	Quantity
Pavement replacement—with portland cement concrete:	
By maintenance forces.....	23,117 sq. yds.
By contract.....	31,475 sq. yds.
Pavement replacement—with bituminous mixtures:	
By maintenance forces.....	120,501 sq. yds.
By contract.....	8,592 sq. yds.
Intermittent resurfacing:	
By contract.....	1,744,671 sq. yds.
Pavement undersealing:	
By contract.....	226,397 sq. yds.
Shoulder improvements.....	1,990,356 sq. yds.
Cleaning and painting steel bridges:	
By maintenance forces.....	22 Bridges
By contract.....	65 Bridges
Repairs to low-type surfaced roads.....	1,065,948 sq. yds.
Seal coat on low-type surfaced roads.....	630,879 sq. yds.
Cutting backslopes, removing slides, and other earthwork.....	849,625 cu. yds.
Emergency bridge repairs:	
By contract.....	62 Bridges
By maintenance forces.....	22 Bridges
Tree removal (mainly dead or disease-infested elms):	
By maintenance forces.....	102,036 in. dia.
By contract.....	208,815 in. dia.
Bituminous resurfacing:	
By maintenance forces.....	13,723 sq. yds.

8. MUNICIPAL STREET MAINTENANCE — The maintenance of streets in the municipalities for which the State has maintenance obligation is performed directly by State maintenance forces or by the municipalities under the supervision of, and by agreement with, the Division of Highways. In the latter case, the municipalities are reimbursed by the State for the expense incurred. The funds for maintaining these urban streets and portions of belt lines or bypasses within the municipal limits are provided by appropriations from the Road Fund for highway maintenance.

In 1963, 771.03 miles of city streets, belt lines, and bypasses were maintained in this manner, of which 649.59 miles were maintained by the municipalities under agreement with the Division, and the remaining 121.44 miles were maintained directly by State forces. The total cost of such maintenance was \$625,989.09.

TABLE 37.—COST OF REMOVING SNOW AND ICE FROM STATE HIGHWAYS IN 1963.

District and Zone	Mileage	Labor Hours	Direct Labor	Direct Expense	Total Direct Cost	Equipment Depreciation	District and Bureau Overhead	Total Cost	Average Cost Per Mile
Interstate									
1.....	47.63	11,831	\$30,515.04	\$45,232.45	\$75,747.49	\$3,544.12	\$3,039.55	\$82,331.16	\$1,728.56
2.....	33.55	3,100	8,318.81	2,257.40	10,576.21	1,116.29	201.74	11,894.24	354.52
3.....	139.06	30,837	73,955.98	41,873.69	115,829.67	8,594.85	5,048.83	129,473.35	931.06
4.....	15.73	5,195	13,303.43	17,254.95	30,558.38	1,443.39	1,018.39	33,020.16	2,099.18
Total for Northern Zone.....	235.97	50,963	\$126,093.26	\$106,618.49	\$232,711.75	\$14,698.65	\$9,308.51	\$256,718.91	\$1,087.93
5.....	30.17	6,268	\$16,753.44	\$18,311.65	\$35,065.09	\$1,556.20	\$3,565.82	\$40,187.11	\$1,332.02
6.....	57.07	7,346	16,838.63	2,019.25	18,857.88	1,847.83	1,574.10	22,279.81	390.39
Total for Central Zone.....	87.24	13,614	\$33,592.07	\$20,330.90	\$53,922.97	\$3,404.03	\$5,139.92	\$62,466.92	\$716.04
7.....	45.51	7,775	\$19,666.11	\$11,102.90	\$30,769.01	\$1,693.58	\$1,849.89	\$34,312.48	\$753.95
8.....	56.76	4,976	13,228.12	19,635.73	32,863.85	1,199.14	777.72	34,840.71	613.83
9.....	36.63	1,731	4,194.54	2,876.37	7,070.91	417.84	1,100.21	8,588.96	234.48
Total for Southern Zone.....	138.90	14,482	\$37,088.77	\$33,615.00	\$70,703.77	\$3,310.56	\$3,727.82	\$77,742.15	\$559.70
Total for entire State.....	462.11	79,059	\$196,774.10	\$160,564.39	\$357,338.49	\$21,413.24	\$18,176.25	\$396,927.98	\$858.95
Regular State									
1.....	1,486.37	161,351	\$411,404.24	\$500,044.76	\$911,449.00	\$48,334.55	\$72,405.42	\$1,032,188.97	\$694.44
2.....	1,534.47	98,644	263,633.81	216,481.30	480,115.11	35,521.06	40,148.71	555,784.88	362.20
3.....	1,630.98	193,576	488,470.73	455,133.01	943,603.74	53,953.25	72,341.16	1,069,898.15	655.98
4.....	1,485.64	139,770	361,571.22	417,233.18	778,804.40	38,834.09	48,328.78	865,967.27	582.89
10.....	1,227.62	147,793	486,044.74	542,460.76	1,028,505.50	42,332.01	98,951.68	1,169,789.19	952.89
Total for Northern Zone.....	7,365.08	741,134	\$2,011,124.74	\$2,131,353.01	\$4,142,477.75	\$218,974.96	\$332,175.75	\$4,693,628.46	\$637.28
5.....	1,787.99	148,039	\$391,343.99	\$248,202.19	\$639,546.18	\$36,754.60	\$58,720.25	\$735,021.03	\$411.09
6.....	1,386.95	105,710	250,031.71	227,262.51	477,294.22	26,590.58	36,424.66	540,309.46	389.57
Total for Central Zone.....	3,174.94	253,749	\$641,375.70	\$475,464.70	\$1,116,840.40	\$63,345.18	\$95,144.91	\$1,275,330.49	\$401.69
7.....	1,125.65	60,357	\$156,096.16	\$147,996.71	\$304,092.87	\$13,147.13	\$21,100.80	\$338,340.80	\$300.57
8.....	1,510.52	51,322	140,705.43	225,238.27	365,943.70	12,370.28	18,292.51	396,606.49	262.56
9.....	1,118.90	45,361	118,147.92	93,510.21	211,658.13	10,949.58	15,415.48	238,023.19	212.73
Total for Southern Zone.....	3,755.07	157,040	\$414,949.51	\$466,745.19	\$881,694.70	\$36,466.99	\$54,808.79	\$972,970.48	\$259.11
Total for Entire State.....	14,295.09	1,151,923	\$3,067,449.95	\$3,073,562.90	\$6,141,012.85	\$318,787.13	\$482,129.45	\$6,941,929.43	\$485.62
Expressways									
10.....	90.75	66,007	\$219,168.97	\$481,274.01	\$744,442.98	\$20,972.42	\$21,715.42	\$743,130.82	\$8,188.77

MAINTENANCE

TABLE 38.—COMPARISON OF ANNUAL SNOW REMOVAL AND ICE CONTROL COSTS
1931-1963.

Year	For Entire State			For Northern Zone Only		
	Miles Reported	Total Cost	Cost Per Mile	Miles Reported	Total Cost	Cost Per Mile
1931.....	5,944.40	\$ 289,915.67	\$ 48.77	4,362.06	\$ 240,903.51	\$ 55.23
1932.....	8,499.36	279,710.14	32.91	6,565.95	206,045.27	37.02
1933.....	7,255.60	230,684.53	31.93	4,918.07	194,962.85	39.64
1934.....	9,159.49	270,675.51	29.55	5,312.61	172,411.55	52.45
1935.....	9,516.82	419,872.34	44.12	5,750.52	321,588.88	55.92
1936.....	12,693.90	1,098,427.54	87.01	6,930.00	806,784.24	116.42
1937.....	12,831.64	674,985.18	52.60	7,031.49	429,241.04	61.05
1938.....	13,175.75	593,173.22	45.02	7,186.40	458,994.91	63.87
1939.....	13,378.67	625,905.25	46.78	7,251.10	434,373.90	59.90
1940.....	13,615.49	1,109,962.53	81.52	7,351.29	719,854.25	97.92
1941.....	13,852.98	710,839.77	51.31	7,444.68	545,360.40	73.26
1942.....	13,940.95	847,779.92	60.81	7,475.51	587,462.68	78.58
1943.....	14,052.40	889,063.48	63.27	7,510.40	695,844.49	92.65
1944.....	14,092.54	849,457.98	60.28	7,524.38	568,333.34	75.53
1945.....	14,109.26	1,321,678.97	93.67	7,533.07	899,401.49	119.39
1946.....	14,112.63	1,106,379.30	78.40	7,528.65	742,121.84	98.57
1947.....	14,125.35	1,591,399.16	112.66	7,539.85	1,225,436.24	162.53
1948.....	14,133.95	1,747,642.76	123.65	7,543.44	1,236,310.15	163.89
1949.....	14,167.90	2,080,265.35	146.83	7,543.39	1,566,023.89	207.60
1950.....	14,224.37	2,281,113.17	160.37	7,549.64	1,621,433.03	214.77
1951.....	14,247.54	3,108,455.28	218.17	7,555.10	2,216,405.30	293.37
1952.....	14,255.57	3,166,286.93	222.11	7,558.39	2,254,554.09	298.28
1953.....	14,232.91	2,130,092.51	149.66	7,527.05	1,464,028.79	194.50
1954.....	14,267.41	2,408,941.59	168.84	7,539.21	1,758,156.08	233.20
1955.....	14,296.73	3,238,918.88	226.55	7,534.88	2,205,043.94	292.64
1956.....	14,344.06	3,141,550.47	219.01	7,550.62	2,006,771.16	265.78
1957.....	14,414.25	3,607,152.08	250.25	7,577.97	2,344,306.69	309.36
1958.....	14,399.75	3,682,249.99	255.72	7,551.42	2,560,757.60	339.11
1959.....	14,434.12	4,848,497.71	335.91	7,546.71	3,409,560.55	451.79
1960.....	14,552.86	6,501,513.74	446.75	7,580.21	4,556,140.51	601.06
1961.....	14,645.49	4,641,459.79	316.92	7,596.24	2,701,978.65	355.70
1962.....	14,710.79	7,731,480.26	525.57	7,591.37	5,528,379.93	728.25
1963.....	14,757.20	7,338,856.41	497.31	7,601.05	4,950,347.37	651.27

Note: Costs subsequent to 1952 do not include cost of removing snow and ice from expressways.

9. ADDITIONS AND BETTERMENTS—Work performed under authorization and classed as *additions and betterments* consists of capital improvements added to the highway facilities to modernize them, reduce highway hazards, or decrease maintenance expense. Although maintenance field forces supervise and perform the work on these projects, the cost is paid from construction funds since it represents additional capital investment.

The expenditures for the various classes of additions and betterments work are shown in the following tabulation:

Reserve Fund	Amount
Regular A & B construction.....	\$171,412.02
Reconstruction A & B.....	61,483.44
State-aid A & B.....	22,055.29
City and belt line A & B.....	2,908.70
Total.....	\$257,859.45

MAINTENANCE

10 PERMITS—Permits to install sewers, water and gas mains, pole lines, and work of the same nature on State highway right-of-way are supervised by the Bureau of Maintenance. During the year, 8,752 such permits were granted. This total does not include 2,031 access permits issued by the Bureau of Traffic.

11. DAY LABOR—The Day Labor Section of the Bureau of Maintenance operated in each of the ten highway districts and completed 147 jobs, including 62 bridge repair projects. A summary of the principal items completed is shown in the following tabulation:

Item	Quantity
Bituminous surfaces:	
Seal coat (29 jobs)	554,634 sq. yds.
I-11 surface	1,383 tons
Scarify and re-lay base	174,324 sq. yds.
Colorphalt paving mixture	75 tons
Bituminous undersealing of pavement:	
Holes drilled	29,194 each
Asphalt pumped in place	386,717 gallons
Guardfence:	
Removal	47,175 lin. ft.
Guardposts removed	286 each
Steel plate erected	64,928 lin. ft.
Cable fence erected	22,558 lin. ft.
Guide posts erected	6 each
Delineator posts and crystal reflectors erected	63 each
Guardposts erected	1,244 each
Excavation:	
Earth	28,356 cu. yds.
Borrow	46,969 cu. yds.
Special	635 cu. yds.
Channel	537 cu. yds.
Class A	55 cu. yds.
Rock	405 cu. yds.
Riprap	30 cu. yds.
Pavement:	
PCC pavement removal and replacement	24,917 sq. yds.
Gravel or crushed stone base course	11,106 tons
Gravel or crushed stone surface course	19,202 tons
Partial depth PCC patching	66 cu. yds.
Gravel or crushed stone shoulders	27,688 cu. yds.
PCC pavement removal	1,562 sq. yds.
Pavement expansion joints cut and filled	21,907 lin. ft.
Pipe culverts and storm sewers:	
Pipe culverts	2,756 lin. ft.
Storm sewers	1,944 lin. ft.
Corrugated metal pipe	676 lin. ft.
Cleaning pipe culverts	142 lin. ft.
Perforated metal pipe under drains	547 lin. ft.
Portland cement concrete:	
Class X concrete	1,702 cu. yds.
Bridge handrail concrete	46 cu. yds.
Concrete curb and gutter	1,545 lin. ft.
Concrete paved ditch	1,361 lin. ft.
Concrete picnic pads	151 each
Gunnite concrete	341 sacks
Granular backfill:	
Trench backfill	683 tons
Granular backfill	562 tons
Sub-base granular backfill	682 tons
Bridge repairs (81 jobs):	
Structural steel	95,171 lbs.
Reinforcing steel	69,990 lbs.
Expansion bolts	884 each
Anchor bolts	257 each
High tensile steel bolts	6,032 each

MAINTENANCE

Item	Quantity
Bridge repairs (continued)	
Treated timber.....	8,466 ft. b.m.
Untreated timber.....	19,007 ft. b.m.
Steel bridge railing.....	3,331 lin. ft.
Remove damaged steel.....	6,283 lbs.
Bridge deck coating with emulsion sand mixture.....	11,743 gallons
Bridge rockers reset.....	32 each
Structural steel salvage.....	97,910 lbs.
Steel piling.....	3,888 lin. ft.
Hardware.....	3,040 lbs.
Floor drain.....	52 each
Steel traffic tread.....	520 sq. ft.
Bar sidewalk grating.....	170 sq. ft.
Bridge pier sealant.....	3,759 sq. ft.
Landscaping:	
Complete seeding.....	2.6 acres
Agricultural limestone.....	2.1 tons
Asphalt-bound mulch.....	2.5 tons
Miscellaneous:	
Tree removal.....	1,926 in. dia.
Gutter removal.....	493 lin. ft.
Concrete removal.....	1,562 cu. yds.
Manholes.....	6 each
Inlets.....	2 each
Right-of-way markers.....	12 each
Calcium chloride applied.....	2 tons
Catch basins.....	8 each
Pavement fabric.....	213 sq. yds.
Sheet piling driver.....	570 sq. ft.
Frames and grates removed and replaced.....	17 each
Concrete headwall removal.....	781 cu. yds.
Bituminous concrete removal.....	5,445 sq. yds.
Sidewalk removal.....	598 sq. ft.
Electrical conduit installed.....	214 lin. ft.
Bridge light standards removed.....	12 each
Bituminous concrete curb erected.....	515 lin. ft.
Bailey Bridge installed (Temporary).....	1 each
Woven wire fence.....	475 lin. ft.

IX. PLANNING

1. GENERAL.—The Bureau of Research and Planning which administered and coordinated physical research as well as planning activities was divided into two bureaus effective July 1, 1963. The new bureaus were the Bureau of Research and Development described in Section X and the Bureau of Planning described in detail in the ensuing paragraphs.

The Bureau of Planning includes four sections: Factual Studies, Urban Planning, Advance Planning, and the Chicago Area Transportation Study. In addition to these sections the Office and Computer Units work directly under the Engineer of Planning.

Generally the work of the Bureau of Planning consists of gathering factual and statistical information concerning highway finance, traffic service, road and street mileages, urban development, and highway needs; forecasting future revenues and needs; and using these data for formulating improvement programs and plans for orderly retirement of highway deficiencies.

2. FACTUAL STUDIES.—The Factual Studies Section includes the Road Inventory Unit and the Traffic Studies Unit.

(a) *Road Inventory*.—The principal activity of this unit is to keep current data pertaining to mileages and physical features of rural highways and municipal streets. During the year a ground survey of roads and streets was made in 25 counties, including recording mileages, surface types, widths, data concerning structures, and the cultural features which are served by these traffic facilities. For the remaining 77 counties inventory information was updated to reflect the changes in surface types, the opening and closing of roads, and the changes in cultural features as obtained from local knowledge. This new and revised information was compiled into several tables which also reflect the changes in highway systems and corporate and urban limits.

These data were summarized into the four highway systems as established in the Illinois Highway Code.

The *State system* includes all roads maintained by the State. This classification is subdivided into the State primary and the State supplementary classes. The State primary classification includes all highways presently marked or which will be a part of the marked network. Supplementary highways are other State maintained roads which are not classified as primary. The State system, as of December 31, 1963, includes 12,906 miles of rural highways and 3,029 miles of extensions of these routes into municipalities.

The *county highway system* is comprised of all rural roads and municipal extensions maintained by the county which have been designated as county highways by the county board and approved by the Division of Highways. The total designated rural mileage of 16,524 includes 212 miles of routes on new location that are not coincident with any existing road. The net rural mileage as of December 31, 1963 was 16,312 and the mileage of municipal extensions 629.

The *local system* is comprised of all rural roads not included in either the State or the county highway systems. In general, these roads are under the jurisdiction of the townships and road districts, but small mileages are included which are maintained by other governmental or private agencies. The net mileage of roads in this system was 73,121 as of December 31, 1963.

The *municipal street system* of 20,939 miles includes municipal streets not a part of the State or county highway systems.

Table 39 summarizes the rural and municipal mileages in each of the highway systems for each county. In the tabulation which follows the rural mileage by surface type is shown for the past several years.

December 31	Miles of Rural Highways by Surface Type			
	Paved	Low Type	Earth	Total
1940.....	11,943.7	65,927.7	26,755.9	104,627.3
1950.....	12,166.3	75,540.8	15,712.2	103,419.3
1960.....	12,429.5	81,098.7	8,660.8	102,189.0
1961.....	12,569.9	81,275.7	8,392.8	102,238.4
1962.....	12,675.8	81,389.0	8,213.4	102,278.2
1963.....	12,735.3	81,809.0	7,794.6	102,338.9

The total miles of rural highways varies each year because of changes in corporate limits, development of subdivisions, abandonments and relocations due to new alignments, abandonments from disuse, and new construction. The change in mileage of surface types listed in the preceding tabulation shows an increase in the mileage of low type and paved surfaces with a corresponding decrease in unsurfaced roads.

County maps of the general highway series are being redrafted on the polyconic projection using data obtained from aerial photographs and field inventory surveys. The 1963 series of maps includes those for 94 counties which have been redrafted. Included are:

Adams	Douglas	Jersey	Marion	St. Clair
Alexander	DuPage	JoDavie	Marshall	Saline
Bond	Edgar	Johnson	Mason	Sangamon
Boone	Edwards	Kane	Massac	Scott
Brown	Effingham	Kankakee	Menard	Shelby
Bureau	Fayette	Kendall	Mercer	Tazewell
Calhoun	Ford	Knox	Monroe	Stark
Carroll	Franklin	Lake	Montgomery	Union
Champaign	Fulton	LaSalle	Morgan	Vermilion
Christian	Gallatin	Lawrence	Peoria	Wabash
Clark	Greene	Lee	Perry	Warren
Clay	Grundy	Livingston	Piatt	Wayne
Clinton	Hamilton	Logan	Pike	White
Coles	Hardin	McDonough	Pope	Whiteside
Cook	Henry	McHenry	Pulaski	Will
Crawford	Iroquois	McLean	Putnam	Williamson
Cumberland	Jackson	Macon	Randolph	Winnebago
DeKalb	Jasper	Macoupin	Richland	Woodford
DeWitt	Jefferson	Madison	Rock Island	

The following eight county maps have not been redrafted but show the reinventory survey data.

Cass	Ogle
Hancock	Schuyler
Henderson	Stephenson
Moultrie	Washington

All of the county general highway maps and supplemental maps were revised to show the changes in surface types of rural highways and incorporated limits of the municipalities as reported by the districts during the year.

Supplementary maps for areas in 15 counties were prepared to show the road network and cultural development in greater detail where subdivision and industrial development had occurred. Township maps for DuPage and Lake Counties and for part of Kane County were also completed.

Other work of the inventory unit consists of assembling data for the *Official Illinois Highway Map*; making an interstate travelway study; revising and reprinting the *Federal-aid Primary*, the *Federal-aid Interstate*, and the *Federal-aid Secondary* maps; preparing the *1963 State Total Traffic Map*; redrawing 9 city traffic maps; and drafting of other city maps.

(b) *Traffic Studies*.--The Traffic Studies Unit conducts studies involving traffic volume and classification, truck weight, interstate traffic volume and classification for accident analysis, and related data for use in design, location, and operation of streets and highways.

The 1963 traffic volume and classification study was limited to rural counts made at 304 seasonal control stations and 700 coverage count locations. Information from counts received at these locations was used to prepare a State traffic volume map for the rural primary system.

In addition counts were made in Cook and Lake Counties of all county highways and local roads with traffic volumes of 75 and over. Municipal extensions to county highways in these two counties were also counted except extensions into the City of Chicago. These data were compiled for preparation of traffic volume maps.

Traffic volume studies were made in 1963 in forty-two cities with populations of 5,000 or over. Traffic maps showing the 1963 volumes will be prepared for the following cities:

Bradley	Highwood	Oglesby
Cairo	Hoopeston	Paris
Cahokia	Kankakee	Paxton
Carbondale	Lake Forest	Peru
Centralia	LaSalle	Pontiac
Centreville	Libertyville	Shelbyville
Charleston	Litchfield	Streator
Clinton	Macomb	Sullivan
Deerfield	Mattoon	Vandalia
Downers Grove	Metropolis	Washington
DuQuoin	Morton	Washington Park
Elgin	Mundelein	Watseka
Herrin	Murphysboro	Waukegan
Highland Park	North Chicago	West Frankfort

TABLE 39.—MILEAGE OF HIGHWAYS AND STREETS IN ILLINOIS BY COUNTY AND SYSTEM, AT DECEMBER 31, 1963.

Highway System																
State																
County	Area	Primary			Supplementary			County				Local			Total All Mileage	
		Paved ¹	Low-type Surface ²	Total	Paved ¹	Low-type Surface ²	Earth	Total	Paved ¹	Low-type Surface ²	Earth	Total				
Adams	Rural	131.32	1.19	132.51	10.91	0.23	---	11.14	---	382.56	---	382.56	1.64	914.56	108.09	1,024.29
Alexander	Municipal	12.05	1.22	13.27	2.90	---	---	2.90	---	7.13	---	7.13	104.91	34.86	14.91	154.68
	Rural	35.85	12.89	48.74	2.16	0.70	---	2.86	---	69.79	---	69.81	---	234.13	13.28	247.41
Bond	Municipal	5.37	1.87	7.24	1.12	---	---	1.12	---	1.77	---	1.77	19.31	12.19	14.37	45.87
	Rural	69.11	---	69.11	10.19	0.16	---	10.35	---	116.73	---	116.94	0.97	441.65	72.70	515.32
Boone	Municipal	10.66	---	10.66	3.22	---	---	3.22	---	1.17	---	1.17	4.24	54.13	1.06	59.43
	Rural	56.19	---	56.19	0.47	0.02	---	0.49	---	86.49	---	86.88	0.41	374.69	4.56	379.66
Brown	Municipal	4.90	---	4.90	---	---	---	---	---	1.75	---	1.75	4.03	44.48	2.08	50.59
	Rural	24.16	11.67	35.83	3.32	10.38	---	13.70	---	74.74	0.17	74.91	---	308.68	67.28	375.96
Bureau	Municipal	3.30	0.52	3.82	0.86	0.19	---	1.05	---	0.40	---	0.40	---	19.22	3.75	22.97
	Rural	173.86	2.76	176.62	16.05	---	---	16.05	---	314.88	---	314.90	0.03	977.58	42.16	1,019.77
Calhoun	Municipal	21.13	---	21.13	2.99	0.78	---	3.77	---	6.38	---	6.38	17.62	106.89	27.76	152.27
	Rural	18.49	11.49	29.98	0.07	3.20	---	3.27	---	57.62	---	57.62	---	218.61	27.12	245.73
Carroll	Municipal	2.70	0.82	3.52	0.30	0.77	---	1.07	---	0.99	---	0.99	---	13.12	5.33	18.45
	Rural	88.80	---	88.80	9.91	---	---	9.91	---	118.39	---	118.39	1.32	487.63	49.12	538.07
Cass	Municipal	11.58	0.12	11.70	0.68	---	---	0.68	---	0.34	---	0.52	8.18	52.46	5.96	66.60
	Rural	48.09	---	48.09	1.98	0.08	---	2.06	---	84.81	0.02	86.83	0.54	321.17	74.27	395.98
Champaign	Municipal	5.25	---	5.25	0.70	---	---	0.70	---	0.98	---	0.93	22.59	38.48	8.45	69.52
	Rural	155.36	---	155.36	207.70	1.23	---	208.93	---	79.47	---	81.43	11.16	1,367.35	146.51	1,525.02
Christian	Municipal	24.94	---	24.94	18.11	---	---	18.11	---	4.15	---	4.15	147.16	118.22	51.37	316.75
	Rural	89.22	---	89.22	16.97	---	---	16.97	---	135.45	---	135.45	2.22	1,072.03	106.16	1,180.41
Clark	Municipal	13.89	---	13.89	2.22	---	---	2.22	---	5.97	---	6.74	24.35	107.78	5.27	137.40
	Rural	66.55	---	66.55	15.26	3.45	---	18.71	---	155.76	---	156.65	0.14	666.80	90.78	757.72
Clay	Municipal	3.73	---	3.73	4.79	0.13	---	4.92	---	0.98	---	1.04	9.71	45.62	5.44	60.77
	Rural	42.17	---	42.17	1.63	25.00	---	26.63	---	131.40	0.53	131.93	---	544.81	180.48	725.29
Clinton	Municipal	3.92	---	3.92	3.44	0.96	---	4.40	---	1.72	---	1.72	13.67	37.05	4.29	55.01
	Rural	85.51	---	85.51	17.34	0.24	---	17.58	---	107.30	0.49	107.90	0.34	514.26	85.88	600.48
Coles	Municipal	10.08	---	10.08	1.17	0.03	---	1.20	---	2.03	---	2.28	1.18	88.75	4.91	94.84
	Rural	84.44	---	84.44	45.91	16.04	---	61.95	---	101.24	---	120.45	16.54	696.51	39.56	752.61
	Municipal	14.21	---	14.21	2.63	0.18	---	2.81	---	0.29	---	1.15	46.01	90.45	2.74	139.20

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Cook	Rural	290.89	---	290.89	219.08	6.85	---	225.93	41.71	324.20	0.54	366.45	2.91	606.81	17.35	627.07	1,510.34
	Municipal	576.67	6.81	583.48	556.02	5.67	---	561.69	74.37	152.29	0.91	227.57	4,548.68	1,559.39	390.05	6,498.12	7,870.86
Crawford	Rural	48.65	---	48.65	8.16	2.73	---	10.89	---	153.04	---	153.04	0.08	609.59	37.87	647.54	860.12
	Municipal	3.89	---	3.89	1.55	0.20	---	1.75	---	1.38	---	1.38	14.16	56.03	4.46	74.65	81.67
Cumberland	Rural	58.99	---	58.99	3.16	7.84	---	11.00	---	105.27	---	105.27	0.03	438.78	109.28	548.09	723.35
	Municipal	7.38	---	7.38	2.09	0.11	---	2.20	---	2.10	---	2.10	0.31	26.55	4.47	31.33	43.01
DeKalb	Rural	100.59	---	100.59	9.51	0.13	---	9.64	0.19	156.60	---	156.79	0.25	805.52	22.39	828.16	1,095.18
	Municipal	15.51	---	15.51	1.01	---	---	1.01	---	1.70	---	1.70	30.75	96.20	11.96	138.91	157.13
DeWitt	Rural	81.68	---	81.68	0.07	---	---	0.07	0.07	91.14	---	91.21	---	551.09	36.60	587.69	760.65
	Municipal	7.10	---	7.10	0.95	---	---	0.95	---	1.86	---	1.86	10.31	54.06	5.14	69.51	79.42
Douglas	Rural	79.98	---	79.98	21.30	---	---	21.30	4.40	77.88	---	82.28	5.96	589.25	36.96	632.17	815.73
	Municipal	4.93	---	4.93	2.61	---	---	2.61	---	0.52	---	0.52	16.79	63.34	3.20	83.33	91.39
DuPage	Rural	140.63	---	140.63	21.47	0.05	---	21.52	4.18	166.68	---	170.86	2.74	643.72	14.92	661.38	994.39
	Municipal	52.98	0.20	53.18	14.76	---	---	14.76	0.74	28.77	---	29.51	242.95	342.76	111.93	697.64	795.09
Edgar	Rural	101.03	---	101.03	14.42	---	---	14.42	7.28	135.45	---	142.73	10.90	845.35	36.70	892.95	1,151.13
	Municipal	9.47	---	9.47	2.63	---	---	2.63	0.26	1.51	---	1.77	17.35	55.51	7.03	79.89	93.76
Edwards	Rural	32.28	---	32.28	2.87	---	---	4.79	0.28	60.70	---	60.98	0.24	257.61	56.08	313.93	411.98
	Municipal	2.83	---	2.83	1.12	0.84	---	1.96	---	1.50	---	1.50	4.07	18.26	4.93	27.26	33.55
Effingham	Rural	116.27	---	116.27	2.61	18.59	---	21.20	0.13	144.10	---	144.23	0.01	586.10	118.82	704.93	986.63
	Municipal	13.19	0.19	13.38	0.89	1.70	---	2.59	---	1.98	---	1.98	8.75	72.21	9.21	90.17	108.12
Fayette	Rural	91.49	20.96	112.45	2.72	0.13	---	2.85	---	165.84	---	165.84	0.16	852.84	258.54	1,111.54	1,392.68
	Municipal	9.65	0.08	9.73	0.50	---	---	0.50	---	2.62	---	2.62	8.11	55.60	5.02	68.73	81.58
Ford	Rural	123.10	---	123.10	4.35	---	---	4.35	---	107.12	0.50	107.62	---	615.35	105.19	720.54	955.61
	Municipal	6.72	---	6.72	0.82	---	---	0.82	---	0.94	---	0.94	13.99	45.20	3.93	63.12	71.60
Franklin	Rural	96.39	---	96.39	12.14	0.51	---	12.65	1.30	152.45	---	153.75	1.12	579.68	34.07	614.87	877.66
	Municipal	19.82	---	19.82	0.93	---	---	0.93	---	5.83	---	5.83	25.01	116.68	92.68	234.37	260.95
Fulton	Rural	189.22	---	189.22	16.27	0.36	---	16.63	1.60	234.70	0.32	236.62	1.62	804.37	138.82	944.81	1,387.28
	Municipal	14.23	---	14.23	1.66	0.90	---	2.56	0.02	0.63	---	0.65	60.87	81.23	17.82	159.92	177.36
Gallatin	Rural	42.92	---	42.92	1.44	---	---	1.44	---	99.91	1.53	101.44	---	267.01	55.47	322.48	468.28
	Municipal	4.33	0.17	4.50	2.35	0.09	---	2.44	---	1.57	---	1.57	---	25.96	17.47	43.43	51.94
Greene	Rural	66.71	0.19	66.90	0.53	21.46	---	21.99	0.24	149.08	---	149.32	---	555.14	52.57	607.71	845.92
	Municipal	8.89	---	8.89	0.03	1.63	---	1.66	---	2.96	---	2.96	0.75	55.06	18.87	74.68	88.19
Grundy	Rural	88.99	---	88.99	13.24	0.29	---	13.53	---	130.45	---	130.45	0.74	481.81	40.43	522.98	755.95
	Municipal	9.02	---	9.02	2.23	---	---	2.23	---	3.06	---	3.06	14.87	39.77	22.12	76.76	91.07
Hamilton	Rural	51.62	---	51.62	---	---	---	---	---	134.49	2.35	136.84	---	495.25	210.20	705.45	893.91
	Municipal	5.42	---	5.42	---	---	---	---	---	2.19	---	2.19	2.22	21.43	9.30	32.95	40.56
Hancock	Rural	115.08	---	115.08	5.44	---	---	5.44	0.40	191.96	0.07	192.43	0.25	1,003.84	110.04	1,114.13	1,427.08
	Municipal	17.65	0.56	18.21	2.75	---	---	2.75	---	1.51	---	1.51	33.52	63.15	60.13	156.80	179.27
Hardin	Rural	31.44	0.96	32.40	0.19	1.24	---	1.43	---	42.72	---	42.72	---	176.03	7.59	183.62	260.17
	Municipal	2.13	0.84	2.97	---	0.52	---	0.52	---	0.39	---	0.39	0.98	14.09	4.19	19.26	23.14
Henderson	Rural	69.64	8.33	77.97	4.01	0.08	---	4.09	0.12	81.27	---	81.29	0.52	350.24	86.87	437.63	601.08
	Municipal	5.78	2.44	8.22	0.12	0.20	---	0.32	0.01	0.90	---	0.91	23.74	0.67	18.38	42.79	52.24
Henry	Rural	293.65	---	293.65	56.79	1.19	---	57.98	0.34	153.21	6.30	159.85	0.14	1,008.65	60.85	1,060.04	1,491.12
	Municipal	17.26	---	17.26	2.14	0.03	---	2.22	0.14	2.44	---	2.58	45.91	134.15	8.65	188.71	210.77
Iroquois	Rural	172.01	---	172.01	194.99	1.94	---	196.93	6.63	327.92	---	334.55	0.64	1,308.62	190.48	1,499.74	2,203.23
	Municipal	14.05	0.04	14.09	6.37	---	---	6.37	---	3.63	0.11	3.74	13.62	97.92	17.87	129.41	153.61
Jackson	Rural	101.41	19.86	121.27	11.21	2.94	---	14.15	0.05	159.83	---	159.88	0.21	551.26	104.35	655.82	951.12
	Municipal	12.83	1.27	14.10	0.74	1.34	---	2.08	---	1.78	---	1.78	34.74	90.01	21.09	145.84	163.80

TABLE 39.—Continued.

Highway System											Total All Mileage					
County	Area	State					County					Local				
		Primary		Supplementary			Total	Low-type Surface ²	Earth	Total		Paved ¹	Low-type Surface ²	Earth	Total	
		Paved ¹	Low-type Surface ²	Total	Paved ¹	Low-type Surface ²										Earth
Jasper	Rural	54.29		54.29	4.33			4.33		183.58		183.58	545.79	214.04	759.83	1,002.03
Jefferson	Municipal	4.85		4.85	0.79			0.79		5.16		5.16	21.03	10.09	33.17	43.97
	Rural	72.01		72.01	11.13	1.09		12.22		252.17	2.49	254.66	708.80	184.91	893.71	1,232.60
Jersey	Municipal	10.77		10.77						7.19		7.19	78.52	7.83	105.52	123.48
	Rural	63.45	14.36	77.81	1.66	4.74		6.40	0.07	107.91		107.98	356.95	38.59	395.54	587.73
	Municipal	7.50		7.50	0.49			0.49		2.62		2.62	52.00	5.07	64.29	74.90
JoDavies	Rural	77.45		77.45	0.31	5.07		5.38		167.60		167.60	603.04	14.80	618.20	868.63
Johnson	Municipal	9.64		9.64	0.03			0.03		4.57		4.57	52.93	19.86	79.25	93.49
	Rural	61.81		61.81	0.04	11.79		11.83	0.17	67.79		67.96	229.73	94.38	324.45	466.05
Kane	Municipal	8.05		8.05	0.30	2.30		2.60		0.55		0.55	13.84	15.71	29.91	41.11
	Rural	166.33		166.33	22.96	4.24		27.20	1.33	297.93		299.26	595.34	6.97	514.56	1,007.35
	Municipal	69.36		69.36	7.14			7.14	0.14	12.61		12.75	307.10	45.76	592.09	681.34
Kankakee	Rural	138.57	6.77	145.34	36.87	0.78		37.65		224.06	1.73	225.79	753.62	139.46	893.13	1,301.91
Kendall	Municipal	13.78		13.78	2.26			2.26		8.74		8.74	104.78	19.08	172.35	197.13
	Rural	93.76		93.76	0.23	0.59		0.82	0.23	112.93		113.16	365.54	4.87	370.50	578.24
Knox	Municipal	6.59		6.59		0.11		0.11		0.87		0.87	41.48	8.42	50.15	57.72
	Rural	124.25	0.08	124.33	1.53	0.05		1.58	1.26	254.88		256.14	779.84	92.25	873.14	1,255.19
	Municipal	20.75		20.75	1.94			1.94	0.03	2.59		2.62	23.92	15.33	205.89	231.20
Lake	Rural	227.55	0.44	227.99	25.63	1.27		26.90	1.39	192.08		193.47	616.06	10.91	630.24	1,078.60
LaSalle	Municipal	104.89	2.62	107.51	19.12			19.12	0.04	33.71		33.75	348.34	180.17	761.12	921.50
	Rural	285.00	0.89	285.89	25.63	15.03	2.23	42.89	0.38	359.32		359.70	1,384.87	86.34	1,473.21	2,161.69
Lawrence	Municipal	29.32		29.32	5.79	0.39		6.18		5.61		5.61	147.59	45.76	344.07	385.18
	Rural	56.11		56.11	16.73			16.73	0.14	125.43		125.57	474.13	45.43	522.37	720.78
	Municipal	3.83		3.83	2.17			2.17		0.51		0.51	34.04	7.77	61.06	67.57
Lee	Rural	125.34		125.34	33.46	0.20		33.66	1.00	197.91		198.91	817.86	93.94	911.98	1,269.89
Livingston	Municipal	7.98		7.98	2.33			2.33		2.06		2.06	60.24	14.00	106.65	119.02
	Rural	176.20		176.20	27.05	8.54		35.59	0.03	251.01	1.06	252.10	1,431.56	192.43	1,624.88	2,088.77
Logan	Municipal	9.76		9.76	3.04			3.04		1.14		1.14	70.00	10.16	118.23	132.17
	Rural	114.13		114.13	6.10	1.34		7.44	0.04	180.88	0.09	181.01	756.85	26.83	783.76	1,086.34
	Municipal	10.46		10.46	2.02	0.22		2.24	0.04	5.04		5.08	55.36	9.68	69.41	87.19

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McDonough	Rural	93.06			0.66				0.66		187.10	2.28	189.97	1.83	765.33	66.16	833.32	1,117.01
	Municipal	9.40								2.34	2.34		2.34	90.37	8.78	18.84	117.99	129.73
McHenry	Rural	175.99			6.37	0.02			6.39	1.23	186.85		188.08	1.92	920.54	4.53	926.99	1,297.45
	Municipal	27.39			1.20	0.02			1.22	0.02	3.99		4.01	27.10	208.47	42.71	278.28	310.90
McLean	Rural	243.15			16.30	0.14			16.44	0.24	416.56	1.01	417.81	0.09	1,400.50	101.53	1,502.12	2,179.52
	Municipal	20.73			4.45	0.22			4.67	1.06	15.65	0.17	16.88	86.70	153.81	31.06	276.57	318.85
Macon	Rural	95.20			5.85				5.85	3.15	222.95		226.10	0.77	846.04	25.19	872.00	1,199.15
	Municipal	33.77			3.22				3.22	4.22	9.91		14.13	99.57	167.81	5.23	272.61	323.73
Macoupin	Rural	138.37		0.15	24.88	13.73			38.66	0.84	205.74	1.00	207.58	0.15	963.70	115.13	1,083.98	1,468.74
	Municipal	26.12			7.04	1.58			8.62		3.23		3.23	8.60	210.56	10.13	229.29	266.26
Madison	Rural	236.74		1.26	74.02	5.31			79.33	12.60	166.39	0.32	179.31	19.79	886.62	43.85	950.26	1,446.90
	Municipal	49.30			22.77	0.16			22.93	1.08	0.63		1.71	153.68	384.67	17.74	561.09	635.03
Marion	Rural	72.75			8.86	15.96			24.82		231.43	0.52	231.95	0.36	670.05	170.48	840.89	1,170.41
	Municipal	19.38			1.08	0.33			1.41		2.32		2.32	25.70	146.50	9.46	181.66	204.77
Marshall	Rural	77.66		12.38	2.52	0.33			2.85		109.36		109.36		423.79	27.28	451.07	653.32
	Municipal	7.36		1.52							0.37		0.37	3.57	42.91	5.23	51.71	60.96
Mason	Rural	81.48			8.32	0.06			8.38	2.16	125.88	5.49	133.53	0.31	469.04	176.13	645.48	868.87
	Municipal	5.52			1.46				1.46	0.60	3.00		3.60	12.25	49.88	11.36	73.49	84.07
Massac	Rural	31.22		3.78	0.08	1.06			1.14		71.07		71.07		290.77	19.31	310.08	417.29
	Municipal	3.63			0.06				0.66		2.13		2.13	11.45	24.20	5.71	41.36	47.18
Menard	Rural	44.64			5.17	0.52	0.25		5.94		85.13		85.13		369.80	27.64	397.44	533.15
	Municipal	3.75			1.13				1.13		1.83		1.83	1.04	35.84	2.66	39.54	46.25
Mercer	Rural	68.10			9.14				9.14	0.28	148.42		148.70	0.17	633.10	89.84	723.11	949.05
	Municipal	5.84			1.19				1.19		5.08		5.08	53.72	13.71	16.40	83.83	95.94
Monroe	Rural	48.77			2.78	3.46			6.24	0.03	74.46	0.63	75.12	0.02	392.09	40.64	432.75	562.88
	Municipal	6.65			2.27	0.04			2.31		2.13		2.13	0.06	39.66	3.18	42.90	51.86
Montgomery	Rural	78.02		13.61	19.19	0.01			19.20	0.32	184.78	0.07	185.17	0.03	907.60	117.82	1,025.45	1,321.45
	Municipal	14.97		1.23	2.97	0.02			2.99		6.70		6.70	9.54	161.17	8.02	178.73	204.62
Morgan	Rural	101.19			13.88	0.33			14.21		164.86		164.86		630.45	92.60	723.05	1,003.31
	Municipal	12.65			1.32	0.40			2.22		2.18		2.18	31.36	81.25	4.33	116.94	133.99
Moultrie	Rural	67.86			16.93	0.07			17.00		55.15		55.15	0.10	497.42	30.24	527.76	667.77
	Municipal	5.90			0.76				0.76		1.02		1.02	4.50	45.34	0.85	50.69	58.46
Ogle	Rural	156.26			4.78	5.35			10.13		267.53	2.47	270.05	0.03	867.57	47.74	915.34	1,351.78
	Municipal	12.85			12.85						1.78		1.78	26.69	56.54	16.10	99.33	113.96
Peoria	Rural	154.52			31.33	0.45			31.78	1.83	312.49		314.32	6.46	681.88	49.32	737.66	1,238.28
	Municipal	37.54			13.11	0.29			13.40	0.91	10.25		10.26	307.71	20.28	22.70	350.69	411.89
Perry	Rural	84.15			1.15				1.15	0.05	133.76		133.81		391.47	112.32	503.79	722.90
	Municipal	9.10			0.15				0.15		0.19		0.19	10.86	62.55	6.21	79.62	89.06
Platt	Rural	76.67			35.14	0.02			35.16		71.94		71.94	0.62	594.94	47.06	642.62	826.39
	Municipal	3.71			4.17	0.06			4.23		1.36		1.36	13.89	32.87	1.49	68.25	77.55
Pike	Rural	104.03		21.52	6.98	12.80			19.78	0.20	149.65	0.81	150.66		965.31	120.16	1,025.47	1,321.46
	Municipal	10.04		2.21	2.01	0.82			2.83	0.15	7.81		7.96	10.83	60.40	45.41	116.64	139.68
Pope	Rural	48.49			0.16	2.56			2.72		47.90		47.90	0.09	293.74	61.92	355.75	454.86
	Municipal	1.11									1.02		1.02		3.77	7.99	11.76	13.89
Pulaski	Rural	34.62		2.11	1.99				1.99	0.10	44.66	0.50	45.26	0.92	195.01	47.17	243.10	327.08
	Municipal	7.95		0.43	0.22				0.22	0.03	1.58		1.61	0.48	23.12	18.25	41.85	52.06
Putnam	Rural	39.03		11.25	1.75	0.03			1.86		38.62		38.62		178.44	11.52	189.96	280.72
	Municipal	1.24									0.55		0.55	0.38	20.19	8.50	29.07	30.86

TABLE 39.—Concluded.

Highway System																	
County	State						County						Local				Total All Mileage
	Primary			Supplementary			County			Local							
	Paved ¹	Low-type Surface ²	Total	Paved ¹	Low-type Surface ²	Earth	Total	Paved ¹	Low-type Surface ²	Earth	Total	Paved ¹	Low-type Surface ²	Earth	Total		
Randolph	102.62		102.62	3.39	8.42		11.81		160.09	2.59	162.68	0.25	551.80	81.23	633.28	910.39	
Richland	20.12	0.04	20.16	3.66	0.72		4.38		137.75		2.22	7.94	99.19	17.56	124.69	151.45	
	35.24		35.24	0.72			0.72		3.30	0.31	3.61		490.55	111.34	601.89	775.60	
Rock Island	6.14		6.14											5.34	64.66	74.41	
	109.96	0.10	110.06	43.50	0.89		44.39	0.01	171.82		171.83	0.95	371.48	43.72	416.15	742.43	
Municipal	45.87	0.05	45.92	20.99			20.99	1.01	6.19		7.20	244.74	116.94	20.30	381.98	456.09	
St. Clair	201.07	0.02	201.09	22.45	2.08		24.53	24.25	183.68	0.37	208.30	5.49	744.19	38.49	788.17	1,222.09	
	79.18		79.18	23.89			23.89	4.43	18.16		22.59	154.29	413.81	31.14	599.24	724.90	
Saline	83.75		83.75	4.47	2.79		7.26	2.02	132.05	1.98	136.05	2.31	473.44	61.59	537.34	764.40	
	8.70		8.70	0.50			0.50	0.35	2.02		2.37	24.94	54.12	18.51	97.57	109.14	
Sangamon	190.78	0.04	190.82	52.39	2.65		55.04	0.14	247.68		247.82	2.01	1,099.43	41.18	1,142.62	1,636.30	
	35.27		35.27	11.54	0.13		11.67	3.06	9.88		12.94	114.53	214.16	8.93	337.62	397.50	
Schuyler	81.56	7.55	89.11	14.98	0.48		15.46	4.41	95.13	0.40	99.94	0.44	442.18	102.59	545.21	749.72	
	2.77	0.70	3.47	1.32			1.32		0.90		0.90	4.05	13.14	1.99	19.18	24.87	
Scott	37.68		37.68	3.95	7.85		11.80		65.10		65.10		231.24	54.67	285.91	400.49	
	4.22		4.22	0.42			0.42	0.01	5.39		5.40	2.45	16.54	7.39	26.38	36.42	
Shelby	85.11		85.11	3.37			3.37		228.42	1.40	229.82	0.12	1,083.89	129.66	1,213.67	1,531.97	
	6.00		6.00	1.10	1.28		2.38		2.62		2.62	7.66	81.43	7.85	96.94	107.94	
Stark	63.10		63.10	2.67			2.67	0.33	104.91		105.24	0.48	325.11	36.23	361.82	532.83	
	4.02		4.02						0.07		0.07	22.14	3.32	2.86	28.32	32.41	
Stephenson	77.06		77.06	1.01	0.24		1.25	0.14	209.91		210.05	0.23	776.80	34.86	811.89	1,100.26	
	12.76	0.16	12.92	1.52			1.52	2.63	4.68		7.31	39.65	59.48	10.98	110.11	131.85	
Tazewell	121.75	1.61	123.36	11.15	0.15		11.30	1.42	176.85		178.27	3.15	828.16	42.60	873.91	1,186.84	
	26.53		26.53	6.42	0.04		6.46		3.25		3.25	78.63	173.93	24.09	276.65	312.89	
Union	70.35	15.48	85.83	0.18			0.18	0.12	110.14		110.26	0.27	385.23	57.16	442.66	638.93	
	6.32	3.14	9.46		0.63		0.63		2.02		2.02	8.14	28.22	9.95	46.31	58.42	
Vermilion	129.04		129.04	237.27	1.48		238.75	1.60	34.64		36.24	12.70	1,211.68	44.76	1,269.14	1,673.17	
	19.36		19.36	9.18	0.02		9.20	0.50	0.64	0.03	1.17	99.30	168.59	27.96	295.85	325.58	
Wabash	34.37		34.37	2.68	0.18		2.86		73.98		73.98	0.19	254.66	31.68	286.53	397.74	
	5.12		5.12	0.71			0.71		0.87		0.87	15.69	21.16	4.68	41.53	48.23	

PLANNING

Warren	Rural	88.80	---	---	---	0.60	---	0.60	---	0.24	172.99	---	173.23	1.91	603.48	99.67	765.06	1,027.69
	Municipal	6.81	---	---	---	---	---	---	---	---	2.12	---	2.12	59.36	8.42	1.80	69.58	78.51
Washington	Rural	106.51	---	---	---	2.25	19.66	2.25	---	0.04	117.88	3.36	121.28	---	503.40	153.96	657.36	907.06
	Municipal	9.61	---	---	---	0.86	0.57	0.86	---	---	1.76	0.31	2.07	0.32	56.64	8.86	65.82	78.93
Wayne	Rural	60.14	---	---	---	3.27	0.88	3.27	---	---	220.08	3.50	223.53	---	853.33	257.08	1,110.41	1,398.28
	Municipal	7.05	---	---	---	---	---	---	---	---	2.01	---	2.01	3.85	49.13	8.02	61.00	70.06
White	Rural	80.59	---	---	---	0.37	---	0.37	---	---	162.61	2.49	165.10	---	630.57	134.75	774.32	1,020.38
	Municipal	7.31	---	---	---	0.55	---	0.55	---	---	0.90	---	0.90	11.68	52.03	10.05	73.76	82.52
Whiteside	Rural	130.28	---	---	---	35.83	9.44	35.83	---	2.64	213.80	1.16	217.60	2.51	752.67	53.17	808.35	1,201.68
	Municipal	19.95	0.06	0.06	0.05	1.11	0.05	1.11	---	1.00	1.56	---	2.56	50.12	106.66	11.55	168.33	192.06
Will	Rural	236.52	0.10	0.10	9.34	47.73	9.34	47.73	---	1.54	263.31	0.32	265.17	1.78	1,129.78	62.20	1,193.76	1,752.62
	Municipal	48.64	0.40	---	---	23.43	---	23.43	---	0.05	11.29	0.13	11.47	36.49	297.33	51.59	385.41	469.35
Williamson	Rural	89.84	---	---	---	25.98	---	25.98	---	28.66	89.86	---	118.52	8.49	541.89	56.03	606.41	840.75
	Municipal	9.56	---	---	---	3.43	---	3.43	---	0.86	0.05	---	0.91	29.93	96.70	32.07	158.70	172.60
Winnebago	Rural	118.36	---	---	---	64.15	1.71	64.15	---	13.03	295.95	---	308.98	5.05	581.04	31.29	617.38	1,110.58
	Municipal	33.33	0.09	0.09	0.05	15.42	0.05	15.42	---	2.08	5.06	---	7.14	158.34	273.50	25.35	462.19	518.22
Woodford	Rural	99.91	14.18	14.18	1.49	1.19	1.49	1.19	---	2.11	144.72	0.59	147.42	0.26	651.32	38.68	690.26	954.45
	Municipal	10.61	0.42	---	---	1.11	---	1.11	---	---	1.17	---	1.17	12.68	62.71	12.47	87.86	101.17
Total	Rural	10,296.39	218.16	218.16	315.75	2,083.31	315.75	2,083.31	2.48	206.14	16,754.20	51.45	16,311.79	159.45	65,220.87	7,740.71	73,121.03	102,338.91
	Municipal	2,077.21	30.22	30.22	26.77	895.06	26.77	895.06	---	101.06	526.13	1.97	629.16	8,753.08	10,062.45	2,123.13	20,938.66	24,597.08
Total All Mileage		12,363.60	248.38	248.38	342.52	2,978.37	342.52	2,978.37	2.48	307.20	16,580.33	53.42	16,940.95	8,912.53	75,233.32	9,863.84	94,059.69	126,935.99

Note: The following mileage of toll roads are included in the table above.

County	Municipal	Rural	Total
Boone	---	12.78	12.78
Cook	42.89	44.85	87.74
Dupage	3.58	16.61	20.19
Kane	0.98	21.75	22.73
Lake	1.50	22.94	24.44
McHenry	---	9.01	9.01
Winnebago	---	15.89	15.89
Total	48.95	143.83	192.78

¹ Paved surface includes block, brick, portland cement concrete, and high-type bituminous.
² Low-type surface includes low-type bituminous, gravel or stone, and oiled earth.

In 1937, six continuous count stations, using the electric eye as a traffic detector, were installed and the information was used to determine seasonal variation, thirtieth maximum hour data and pertinent information needed for determining traffic trends. The use of these machines was discontinued recently when parts were no longer available. In 1963, new counting equipment was purchased which uses a wire loop embedded in the pavement as a vehicle detector. The traffic volume data are recorded on binary punched tape and translated to digital code on IBM cards. The traffic analysis is then done by computer. The new induction type vehicle detectors were installed at seventeen locations in 1963. Four of them were installed on old continuous count locations; three on the Dan Ryan Expressway and the remainder on new locations in down-State counties.

A comparison of traffic on rural primary highways in 1963 with that of 1962 indicated that traffic increased as follows: total traffic 3.4 per cent, single-unit truck 2.7 per cent, large truck combinations 3.6 per cent, and passenger cars 3.5 per cent. Another comparison is made for each month of 1963 with similar months in past years in Figure 10.

Truck weight surveys have been conducted annually for many years. The average weights of loaded and empty commercial vehicles in 1963 is given in Table 40. This table also contains a comparison of these data with that of past years.

More and more data are available on the Interstate Accident Study as more sections are opened for use. During the year 306 machine counts were made on ramps and grade separation structures while 642 counts were made with hourly recording machines on main roadways of interstate highways.

3. URBAN PLANNING SECTION.—The general objective of this section is to initiate a continuing comprehensive transportation planning process for each of the 202 municipalities with 5,000 or more population. This includes (1) assisting in formulating policies on urban transportation systems; (2) preparing and keeping current plans for transportation systems which will promote better traffic service for State and local interests; (3) developing procedures for cooperative relationships between State and local governments; (4) extending technical assistance and advice in transportation planning; and (5) participating in studies and research in the techniques of urban planning.

To accomplish these goals the Urban Planning Section is divided into three units: Land Use; Traffic; and Facility Planning.

The *Land Use Unit* furnishes guidance in inventories and forecasts of population and land use and relates these factors to urban highway and transportation plans.

The *Traffic Unit* forecasts traffic, assigns traffic to proposed transportation facilities, and analyses capacities of existing and proposed facilities.

The *Facility Planning Unit* is responsible for the review and development of existing and proposed transportation facilities, including the evaluation of their economic feasibility.

MONTHLY TRAFFIC ON RURAL PRIMARY HIGHWAYS IN 1941, 1950, 1956, AND 1963
EXPRESSED AS A PERCENTAGE OF THE AVERAGE
MONTH'S TRAFFIC IN 1950

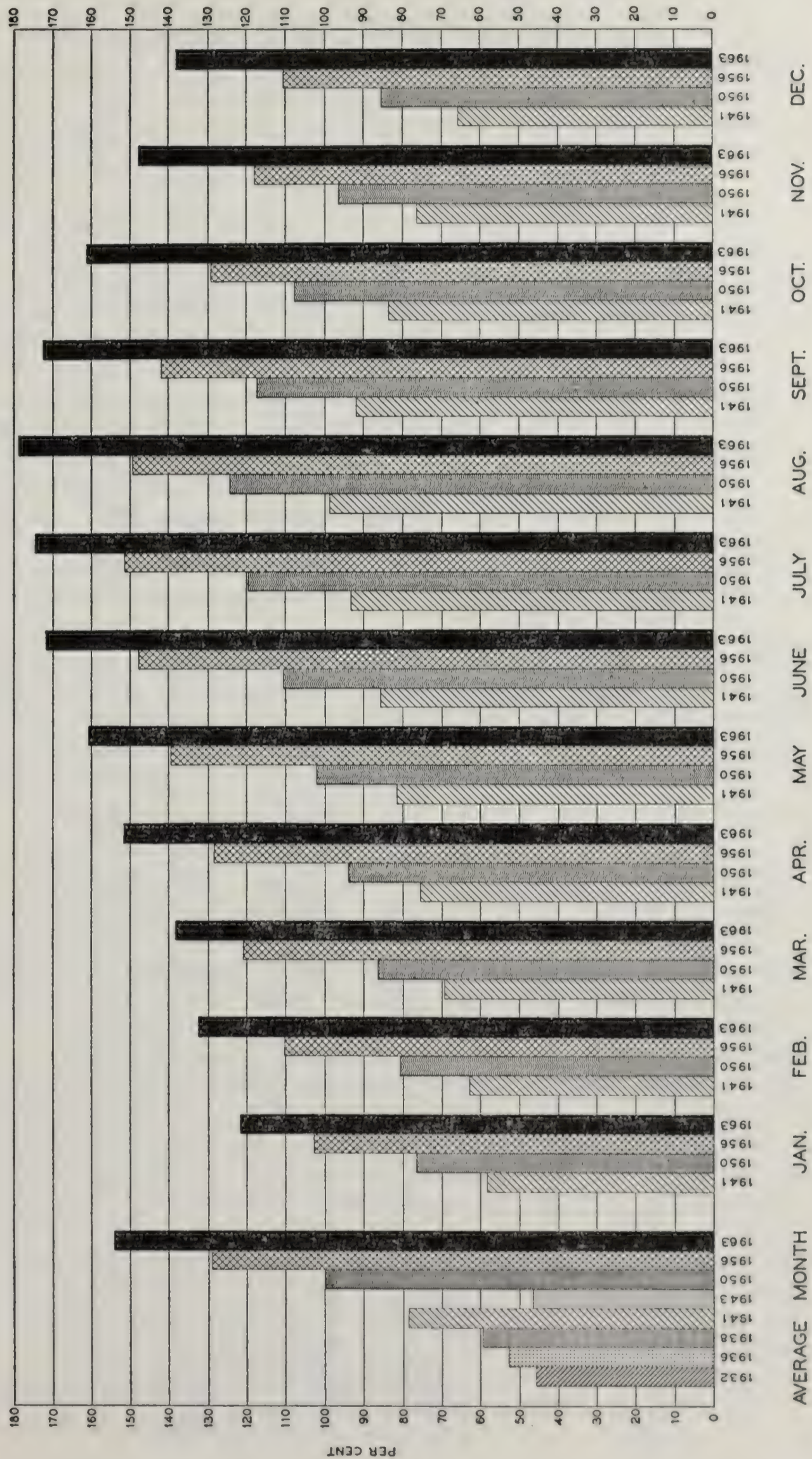


Figure 10.

TABLE 40.—COMPARISON OF AVERAGE WEIGHTS OF LOADED AND EMPTY COMMERCIAL VEHICLES.

Vehicle Type and Year Weighed	Total—All Vehicles		Loaded Vehicles		Empty Vehicles	
	Distribution by Vehicle Type	Average Weight	Per Cent of Total Vehicles Weighed	Average Weight	Per Cent of Total Vehicles Weighed	Average Weight
	Per Cent	Pounds	Per Cent	Pounds	Per Cent	Pounds
Single-Unit Trucks						
Year 1963	261.82	8,165	39.53	11,699	60.47	5,874
Year 1959	260.49	9,299	59.41	11,518	40.59	6,034
Year 1942	71.00	9,233	54.74	11,633	45.26	6,330
Year 1936	79.67	7,690	63.52	8,975	36.48	5,452
Tractor-Truck Semitrailers						
Year 1963	237.95	41,500	73.91	47,958	26.09	23,196
Year 1959	239.51	38,808	72.70	45,169	27.30	21,964
Year 1942	27.56	26,090	68.48	30,676	31.52	16,144
Year 1936	18.42	22,212	79.78	24,868	20.22	11,736
Trailer Combinations ¹						
Year 1963	20.23	25,931	76.36	27,641	23.64	19,630
Year 1959	20.49	38,782	71.19	40,561	28.81	26,588
Year 1942	1.44	25,807	59.26	32,613	40.74	15,909
Year 1936	1.91	24,588	59.26	31,881	40.74	13,982

¹ Includes combinations consisting of tractor-truck semitrailers with trailers as well as combinations consisting of trucks with trailers.
² Percentage distribution by vehicle type of all vehicles for the years 1959 and 1963 was made from the key station summaries for 1959 and 1963.

During 1963, the major programs included completion of the Mt. Vernon and Bloomington-Normal transportation studies and continuation of work on the studies under way in Madison-St. Clair Counties, Fox River Valley, and Lake County. A new study has been instituted in Harrisburg and assistance was given to the Greater Egypt Regional Plan Commission during the preparation of its comprehensive plans for Williamson, Franklin, Jackson, and Perry Counties.

The Lake County Transportation Study is being conducted by the Division of Highways in cooperation with the Lake County Highway Department, the Lake County Planning Commission, and other local transportation planning agencies. This is a pilot study which is applying new methods and techniques to be utilized in future urban transportation studies.

Preparatory studies for initiation of the continuing comprehensive transportation planning process in urbanized areas (urban areas of more than 50,000 population) were initiated in Peoria, Rockford, Decatur, Springfield, Joliet, Champaign-Urbana, and the Rock Island-Moline area. These areas, together with East St. Louis, Aurora, and Chicago, comprise the urbanized areas in Illinois for which the continuing comprehensive transportation planning process is required by July 1, 1965 in order to continue to qualify for Federal highway funds.

The Urban Planning Section also assisted in the study of land development at interchanges; aided in a demonstration study for using full capacity of urban streets; distributed educational material concerning urban planning to the districts and to other governmental agencies; and assumed the responsibility for revision of urban area descriptions required for programing of Federal-aid urban funds.

4. ADVANCE PLANNING.—This section contains two units: Highway Cost and Administrative Studies.

(a) *Highway Cost Unit*.—This unit conducts annual studies of highway finance in the State and local governments and summarizes this data into tables showing funds collected, allocated, and expended from motor-user taxes; compiles, edits, and publishes the Annual Report of the Division of Highways, the Illinois Highway Story, and miscellaneous publications of the Division; makes periodic revision of road life data, motor fuel consumption, and financial forecasts; and makes studies of deficiencies on State highways of Illinois. Most of these studies are made with the cooperation and participation of the Federal Bureau of Public Roads.

The *local finance study* involves the collection and analysis of data concerning the financial transactions of counties, cities, and townships for roads, streets, and related purposes. In 1963 the tabulations for the 1961 fiscal year were completed and a summary of these data is published on pages 204 and 205 of the 1962 Annual Report. The information for the 1962 fiscal year was completed in 1964 and a summary of this information is shown in Table 41 of this report. A comparison of highway financial information of all governments in Illinois for the period 1957 to 1962 is given in Table 42.

TABLE 41.—RECEIPTS AND DISBURSEMENTS FOR HIGHWAY PURPOSES BY GOVERNMENTAL UNITS OF ILLINOIS DURING THEIR 1962 FISCAL YEAR.

Funds Received and Spent by																
Sources of Receipts and Purposes of Disbursements	State		Counties		Townships and Road Districts		Municipalities ¹		Special Districts ²		Federal Government ³		Toll Bridges Owned by Governmental Agencies		Total	
	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent
RECEIPTS																
Property taxes.....	-----	-----	\$26,390,555	38.5	\$30,626,635	81.5	\$19,423,827	25.4	\$1,526,165	76.2	-----	-----	-----	-----	\$ 77,967,182	12.8
Motor vehicle imposts ⁴	\$251,560,121	99.1	-----	-----	270	0.0	31,640,102	41.5	-----	-----	-----	-----	-----	-----	283,200,493	46.4
Other special imposts.....	2,310,953	0.9	1,915,120	2.8	141,261	0.4	2,644,411	3.5	74,489	3.7	-----	-----	\$7,902,009	84.4	14,988,278	2.5
Transfer from general funds.....	-----	-----	213,059	0.3	4,311,381	11.4	7,881,041	10.3	138,619	6.9	-----	-----	63,366	0.7	12,607,466	2.0
Federal funds.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	\$163,148,476	100.0	-----	-----	163,148,476	26.7
Borrowings.....	-----	-----	26,949,909	39.3	1,732,025	4.6	8,901,727	11.7	-----	-----	-----	-----	-----	-----	37,583,661	6.1
Decrease in balance.....	-----	-----	13,055,978	19.1	781,512	2.1	5,791,932	7.6	265,025	13.2	-----	-----	1,392,211	14.9	21,286,658	3.5
Adjustments for aid transfers ⁵	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total receipts.....	\$253,871,103	100.0	\$68,524,621	100.0	\$37,593,084	100.0	\$76,283,040	100.0	\$2,004,298	100.0	\$163,148,476	100.0	\$9,357,586	100.0	\$310,782,214	100.0
Per cent.....	41.6	-----	11.2	-----	6.2	-----	12.5	-----	0.3	-----	26.7	1.5	-----	100.0	100.0	-----
DISBURSEMENTS																
Direct (except interest).....	\$308,320,037	92.0	\$368,923,433	73.2	\$49,089,875	93.7	\$95,480,010	82.2	\$138,619	6.9	-----	-----	\$3,807,046	35.4	\$525,834,020	86.1
Interest.....	-----	-----	76,421,484	6.8	778,911	1.5	2,900,178	2.5	448,031	22.3	-----	-----	5,098,657	47.3	15,647,261	2.6
Debt retirement.....	1,000	0.0	718,082,000	19.2	2,514,000	4.8	10,670,723	9.2	1,250,000	62.1	-----	-----	1,176,615	10.9	33,694,338	5.5
Related purposes and transfers.....	-----	-----	731,869	0.8	-----	-----	7,135,024	6.1	176,187	8.7	-----	-----	685,208	6.4	8,728,348	1.4
Increase in balance.....	15,610,524	4.7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	15,610,524	2.6
Adjustment for aid transfers ⁶	11,258,593	3.3	9,130	0.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	11,267,723	1.8
Total disbursements.....	\$335,260,154	100.0	\$94,172,916	100.0	\$52,382,786	100.0	\$116,185,935	100.0	\$2,012,837	100.0	-----	-----	\$10,767,586	100.0	\$610,782,214	100.0
Per cent.....	54.9	-----	15.4	-----	8.6	-----	19.0	-----	0.3	-----	0.0	1.8	-----	100.0	100.0	-----

¹ Receipts of municipalities do not contain parking fees and other local revenue disbursed for street related purposes, such as parking facilities, street cleaning, street lighting, sidewalks, and storm sewers.

² Includes only the Chicago Park District and the Metropolitan Sanitary District of Greater Chicago.

³ Receipts of Federal Government are reimbursements for the Federal share of highway work except for \$231,823 of flood control and miscellaneous Federal fund advances.

⁴ Includes motor fuel tax, State and local registration fees, franchise fees, and traffic fines after collection costs and refunds were paid.

⁵ Includes \$7,432,413 toll collections, \$285,894 pole and pipe line leases and railroad rentals, \$173,721 income on investment, and \$9,981 miscellaneous.

⁶ Adjustments for aid transfers are made in this table because the fiscal year of the government granting the aid and that receiving it differ and allotments of motor fuel tax to each class of government generally differ from the amount used during the year.

⁷ Contains the disbursement of Cook County expressway bond funds under direct disbursements and the retirement of principal and interest on bonds issued, although funds are advanced for retirement of these bonds from State revenue.

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TABLE 42.—COMPARISON OF HIGHWAY FUND RECEIPTS AND DISBURSEMENTS
1957-1962.

Sources of Receipts and Purposes of Disbursements	1957		1958		1959		1960		1961		1962	
	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent	Amount	Per Cent
RECEIPTS												
Property taxes-----	\$ 59,398,944	12.8	\$ 65,436,851	11.8	\$ 66,745,492	10.7	\$ 68,384,778	11.1	\$ 75,313,845	13.2	\$ 77,967,182	12.8
Motor vehicle imposts ¹ -----	243,035,055	52.4	250,318,530	45.2	252,897,793	40.4	260,410,125	42.3	268,391,986	47.2	283,200,493	46.4
Other special imposts-----	14,875,404	3.2	14,088,222	2.6	13,552,200	2.2	15,626,999	2.5	15,456,956	2.7	14,988,278	2.5
Transfers from general funds-----	13,321,547	2.9	17,211,840	3.1	12,424,397	2.0	14,295,310	2.3	13,151,082	2.3	12,607,466	2.0
Federal funds-----	32,899,818	7.1	107,147,039	19.3	183,173,624	29.3	186,916,361	30.3	133,466,761	23.4	163,148,476	26.7
Borrowings-----	52,296,239	11.3	38,825,685	7.0	86,550,145	13.9	65,427,174	10.6	33,931,437	6.0	37,583,661	6.1
Decrease in balance-----	46,251,557	10.0	52,079,498	9.4	9,432,169	1.5	5,736,893	0.9	29,337,974	5.2	21,286,658	3.5
Adjustments for aid transfers ² -----	1,507,508	0.3	9,061,447	1.6	-----	-----	213,354	0.0	-----	-----	-----	-----
Total-----	\$463,586,072	100.0	\$554,169,112	100.0	\$624,775,820	100.0	\$617,010,994	100.0	\$569,050,041	100.0	\$610,782,214	100.0
DISBURSEMENTS												
Direct (except interest)-----	\$371,123,692	80.0	\$488,526,948	88.2	\$532,905,833	85.3	\$532,800,494	86.4	\$490,188,637	86.1	\$525,834,020	86.1
Interest-----	10,587,772	2.3	11,409,524	2.1	12,180,596	2.0	14,321,902	2.3	15,795,247	2.8	15,647,261	2.6
Debt retirement-----	38,960,554	8.4	30,053,333	5.4	33,988,994	5.4	27,903,759	4.5	31,856,061	5.6	33,694,338	5.5
Related purposes and transfers-----	18,528,944	4.0	20,173,989	3.6	8,798,161	1.4	7,108,422	1.2	11,493,881	2.0	8,728,348	1.4
Increase in balance-----	24,385,110	5.3	277,283	0.0	24,459,301	3.9	25,575,733	4.1	11,738,947	2.1	15,610,524	2.6
Adjustments for aid transfers ² -----	-----	-----	3,728,035	0.7	12,442,935	2.0	9,300,684	1.5	7,977,268	1.4	11,267,723	1.8
Total-----	\$463,586,072	100.0	\$554,169,112	100.0	\$624,775,820	100.0	\$617,010,994	100.0	\$569,050,041	100.0	\$610,782,214	100.0

¹ Includes motor fuel tax, State and local vehicle registration fees, franchise fees, and traffic fines after collection costs and refunds were paid.
² Adjustments are principally represented by the difference of the amount of MFT allotted to, and that withdrawn by, the counties and cities and by the differences in fiscal years of governmental units.

State highway finance studies consist of gathering and analyzing information from other departments of the State and from the Bureau of Administrative Service. This entails compiling data concerning the collection, allotment, and refund of motor fuel taxes; summarizing information concerning the State registration of motor vehicles and the revenue derived from this source; and showing by tables and charts financial transactions of the State for highway purposes. During 1963 information for the 1962 year was completed and reported for State and Federal publications.

The *1962 Annual Report* of the Division of Highways was assembled, edited, and transmitted to the printer. In addition the 1961 Annual Report was released to the public.

A manual of *Facts and Figures* was prepared for quick and easy reference to essential information on mileage, revenues, Federal-aid, and other topics concerning highway administration.

The *Interstate 24 location study*, which was initiated in 1961 to select the most desirable location for this route between Nashville, Tennessee, and St. Louis, Missouri, was continued in 1963. The consultant making the study completed his report using data furnished by the four states concerned. The states including Illinois, reviewed the consultant's proposals, selected one location, and requested approval from the Bureau of Public Roads. In August 1964 approval was granted for a location from Nashville, Tennessee to a crossing of the Ohio River near Paducah, Kentucky, and to a junction with Interstate 57 near Pulley's Mill, Illinois. Approval was also granted for an interstate spur between Dyersburg, Tennessee and Hayti, Missouri.

A study to determine the feasibility and location of a *Central Illinois Expressway* was initiated. This expressway has been proposed through Central Illinois from Decatur west to the Mississippi River between Quincy, Illinois and Hannibal, Missouri. After conducting a road-users benefit analysis, an expressway in this corridor was found to be feasible. A study to determine the location of the route is continuing.

The *1962 highway needs study* has been continued in 1963. This study will determine deficiencies on noninterstate highways maintained by the State. Each district has recommended the improvements needed using an instruction manual prepared by the Highway Cost Unit. During 1963 reports for State maintained roads in 56 counties were reviewed and the data along with the estimated improvement costs were coded for electronic machine tabulation. This coding will continue and summaries will be completed to December 31, 1964.

(b) *Administrative Studies*.—The Administrative Studies Unit conducts a number of studies concerning administration, legislation, determining construction priorities, and developing construction programs.

Legislation enacted by the Seventy-third General Assembly concerning highways and highway administration is summarized in Section II of this report.

Prior to the meeting of the General Assembly in 1963 this unit analysed the request of the districts and bureaus of the Division and helped draft bills needed to facilitate State highway administra-

tion. A record was kept of the progress of each highway bill and administrative personnel was notified when important bills were under consideration. When the legislative session had ended this unit prepared a digest of highway bills enacted.

Sufficiency ratings for the primary highway system were revised in 1963 from information furnished by the districts. These ratings are relative measurements of the efficiency of highways in providing the traffic service required. When projects are arranged with those of poorest rating first they provide a priority list for improvement.

The number and mileages for rural and urban sections follow:

	All Sections		Emergency Sections	
	Number	Miles Rated	Number	Miles Rated
Rural.....	1,547	11,649.23	171	1,036.38
Urban.....	695	1,069.28	54	50.03
Total.....	2,242	12,718.51	225	1,086.41

The *annual improvement program*, which is assembled and published by this unit each year, contains a listing of construction and right-of-way projects for the coming year. The proposed improvement program for the 1964 calendar year was released in December 1963. The 1964 program contained projects with estimated costs of \$294,-853,000 of which about 70 per cent was for projects on interstate highways.

Programing entails first determining the amount of money available for highway construction for the ensuing year and allocating these funds for work in each of the districts in an equitable manner. Projects are then selected giving priority to those projects which were begun in the previous year and not completed, then including projects in an emergency category because of structural deterioration, and next programing projects with highest priority as indicated by their low sufficiency ratings. Emphasis in interstate programing is toward completing urban sections early to relieve congestion on parallel routes and next to complete and extend sections which can be immediately put into service.

Approval of *Federal-aid route* locations must be obtained from the Bureau of Public Roads before Federal funds can be obligated for their improvements. Changes are often needed in route descriptions. Processing these changes is done by the Administrative Studies Unit. It involves preparing sketch maps showing the part of the route to be relocated, the general alignment of the proposed location, a revised description of the route, and justification for the change. This material is then submitted to the Bureau of Public Roads for approval. One new route and twenty revisions were processed in 1963.

5. THE CHICAGO AREA TRANSPORTATION STUDY.—During 1963 the Chicago Area Transportation Study reorganized to meet the requirements of conducting a continuing transportation study. A major personnel recruitment and training program was conducted which resulted in a qualified staff of 65 employees at the end of the year.

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(a) *Cooperative Work.*—Part of the work accomplished was in response to requests in which the Chicago Area Transportation Study supplied technical assistance in the following areas of work:

(1) Computer traffic assignments were completed and supplied to the sponsoring agencies.

(2) Vehicle accident records for 12,000 accidents monthly were tabulated by data processing equipment.

(3) A land use inventory was conducted in a 100 block area along Interstate 90 west of the central business district.

(4) Origin and destination information was tabulated for the Lake County Transportation Study and traffic assignment work was also begun.

(5) Other work included printing reports, aiding in a pedestrian survey, and supplying data to various industrial and educational institutions in the Chicago area.

(b) *Projects a Part of Continuing Program.*—Several projects were conducted in 1963 by the Chicago Area Transportation Study as part of continuing transportation planning. These items include the following:

(1) A “before and after” study of the traffic patterns in the Dan Ryan Expressway corridor. This project involved counting traffic and accidents on the arterial and expressway network prior to the opening of the expressway and again after it was completed. An origin and destination survey consisting of 28,000 interviews was obtained along the corridor. A travel speed survey was also conducted on 175 miles of the road network in the corridor.

(2) The original electronic computer traffic assignment program was revised for use by the 709 and 7090 computers. An operating instruction manual for the program has been drafted and will be ready for publication in 1964.

(3) Work has continued on the compilation of a general purpose base map and work was started on a series of detailed base maps.

(4) A new method of approaching the direct traffic assignment problem was developed, based on the over-the-road trip length distribution function observed in Chicago in 1956. By assuming uniform trip generation rates, a set of nomographs was developed which allow direct assignment to simplified network configurations graphically.

(5) Other work included updating of land use and inventory data and research into trip generation.

6. **THE ELECTRONIC COMPUTER UNIT.**—The work in this unit has two objectives: (1) the promotion and expansion of the use of electronic computation as a means of increasing engineering productivity within the Division of Highways, and (2) providing electronic computer service for the solution of highway engineering problems for all of the engineering offices in the Division, using programs that have proven to be both accurate and time saving.

During the year 1963, 18 per cent of the computer operation was applied to the development of new programs or the revision of existing programs to provide more information or faster operation. For example, new programs were developed for: computing cut and fill quantities from end areas; conversion of geodimeter readings to distances; coordinates of stations on a spiral; design of splice plates;

ramp geometries; and several programs for the Expressway Surveillance Project. In addition several programs were developed during the past year at the request of engineers of the Division of Highways.

The other 82 per cent of computing time was devoted to the solution of engineering problems related to the design or construction of highways using existing programs which had previously been developed and checked by the computer unit. Work included in this category, listed in order of computing time involved, were those for the computation of (1) traverse closure which includes distances to control points from known coordinates, (2) bridge deck elevations, (3) influence line ordinates for two- to five-span continuous beam bridges, (4) box culvert and wingwall design, (5) Expressway Surveillance Project, (6) highway earthwork cut and fill quantities, and (7) horizontal alignment.

The Computer Unit also spent a considerable amount of time and effort in classroom education to further the understanding and use of computers in the Division of Highways.

X. RESEARCH AND DEVELOPMENT

1. GENERAL.—The Bureau of Research and Development is responsible for implementing, conducting, and coordinating a research and development program to improve the economy and quality of highway planning, design, construction, maintenance, and operation. Duties include preliminary background studies for new research and development projects, arranging the financing of projects, conducting projects, correlating activities on projects conducted within the Division of Highways and by outside agencies under Division sponsorship, disseminating information regarding the results of research and development, and the evolving of practical applications of research and development findings.

The Bureau of Research and Development was formed on July 1, 1963 to facilitate the administration of an expanding program of research and development. Work of the Bureau was handled formerly by the Research Branch of the Bureau of Research and Planning.

The initial framework of the Bureau consists of a Structural Research Section, a Research Coordination Unit, a Products Evaluation Unit, an Instrumentation Development Unit, and an Expressway Surveillance Project Unit. The Structural Research Section is divided into an AASHO Road Test Research Unit, a Bridge Research Unit, and a Foundations Research Unit. The Structural Research Section and the Instrumentation Development Unit are located in the Physical Research Laboratory at Ottawa; the Research Coordination Unit and the Products Evaluation Unit are located in the Bureau headquarters in Springfield; the Expressway Surveillance Project Unit is headquartered in Oak Park.

(a) *The Illinois Highway Research Council* is a twelve-member group serving in an advisory capacity to the Chief Highway Engineer in matters of research. Council members represent the Illinois Division of Highways, the Federal Bureau of Public Roads, the county superintendents of highways, the city engineers, and engineering educational institutions of Illinois. The Council reviews work on active research projects, reviews and approves manuscripts and progress reports for work completed, and reviews and makes recommendations concerning projects that are suggested for addition to the research program.

(b) *The Illinois Highway Development Council* is an eight-member group composed of bureau chiefs and the Assistant Chief Highway Engineer (Engineering) and serves in an advisory capacity to the Chief Highway Engineer in developmental matters. This group reviews and makes recommendations relating to practical applications in the highway field of new products, new materials, and new processes. A principal function of this Council is to serve as a clearing house where vendors may introduce new items proposed for highway usage.

2. RESEARCH PROGRAM.—In general, the research work may be divided into two groups: (1) that accomplished within the Division with bureau and district forces, and (2) that conducted wholly or in part by outside agencies through cooperative agreements with the Division. Twenty-two research projects are being conducted currently by Division forces and twenty-five by agencies acting under contracts with the Division.

The cooperative program provides specialists and equipment for research not otherwise at the disposal of the Division. A major cooperating agent is the University of Illinois. A continuing program of highway research, known as the Illinois Cooperative Highway Research Program, is being carried on at that institution. Other cooperative studies sponsored by the Illinois Division of Highways are being conducted by Northwestern University and by the United States Geological Survey.

The Federal Bureau of Public Roads is participating in a number of individual research projects deemed to be of national interest. These projects are eligible for Federal participation from the 11½ per cent allotment available for Statewide highway planning. Projects conducted both by Division forces and by outside cooperating agencies are eligible for Federal participation.

(a) The *National Cooperative Highway Research Program* is a national program of highway research sponsored by the American Association of State Highway Officials, administered by the Highway Research Board of the National Academy of Sciences-National Research Council, and supported by the states and Federal Government. Illinois is among the states contributing 5 per cent of their allotments of Federal highway planning and research funds toward support of the program. This is a continuing program of highway research undertaken in the 1963 fiscal year.

(b) The *AASHO Road Test* research, a project being conducted by Division forces, has continued to receive the prime attention of the Bureau of Research and Development. The original test tangents have been rehabilitated and included as a part of Interstate 80. The reconstruction work was completed and the resulting pavements were opened to traffic on November 1, 1962. These pavements are now being subjected to intensive study as a satellite project to assist in testing and extending the findings of the original AASHO Road Test for application to pavements subjected to normal mixed traffic.

Studies of the behavior of existing pavements in Illinois are being made, and the results obtained to date are being used to modify the findings of the AASHO Road Test for practical application in structural design of pavements in Illinois. Interim policies on the structural design of pavements, applying the AASHO Road Test results, are nearing completion. The procedures presented in the policies take into consideration the number and magnitude of axle loadings, the length of time the pavement is to serve traffic, the minimum level of service expected from the pavement during this time, and the support strength of the available soils and pavement materials to be used in the construction.

(c) The *Expressway Surveillance Project* was established in 1961 for the purpose of conducting operational studies to determine causes of congestion on high-volume expressways, to investigate ways of improving traffic flow, and to evaluate resulting benefits. Most of the study is taking place on and in the immediate vicinity of the Eisenhower Expressway in the Chicago area. The ultimate objective is to reduce congestion by means of automatic traffic control measures.

In 1963, a pilot detection system, including 34 traffic sensors, was installed and placed in operation on a five-mile section of the Eisenhower Expressway. Leased telephone lines connect these sensors to the project office where the traffic data from the field passes through analog computers and a data-logging sub-system, and is recorded on punched paper tape. The tapes are coded in a form suitable for direct data input to a digital computer for data reduction and analysis.

A pilot study was made of a traffic-metering control system installed at one entrance ramp to the expressway. Plans were made to extend the study to additional ramps on the basis of the results of this pilot study. Work was done on developing informational signs for use on surface streets in connection with entrance-ramp metering.

3. DEVELOPMENT PROGRAM.—The idea of a planned development program was conceived about the time the Bureau of Research and Development was formed. Efforts of the Bureau in this early period were directed toward establishing the procedures and controls to be used in governing the program, and forming the Illinois Highway Development Council.

4. RESEARCH PROJECTS UNDER DIVISION PARTICIPATION IN 1963.—A summary of the important research projects in which the Division of Highways participate is presented in Table 43. More detailed information is available for many of these projects in published papers and research reports.

TABLE 43.—HIGHWAY RESEARCH PROJECTS IN WHICH THE DIVISION OF HIGHWAYS PARTICIPATED IN 1963.

RESEARCH AND DEVELOPMENT

Project No.	Name of Project	Purpose	Year Under-taken	See "Note" Below	
				Agency Conducting Project	Co-sponsors
2	Miscellaneous Highway Problems.....	Develop information useful in solution of miscellaneous highway problems.....	1940	3	1, 2, 3
5	Riveted and Bolted Structural Joints.....	Provide information for use in the design of riveted and bolted connections on bridges.....	1947	3	1, 2, 3, 4
6	Performance Survey of Pavement of Route US 66.....	Develop information concerning the effects of design, materials, construction, traffic, and climate on the performance of pavements.....	1949	1a	1, 2
7	Pavement Blowups.....	Provide information concerning the causes of blowups, for use in developing remedies.....	1950	1a, 1g	1, 2
9	Impact on Highway Bridges.....	Provide information for design, on stresses caused by impact of present-day vehicles.....	1950	3	1, 2, 3
10	Prestressed Reinforced Concrete Highway Bridges.....	Determine behavior and develop information required for design and construction.....	1951	3	1, 2, 3
12	Soil Exploration and Mapping.....	Provide engineering soil information in the form of maps and reports to guide highway engineers in design and construction.....	1951	3	1, 2, 3
13	Lean-mix Base Widening.....	Determine the economy of using a less-than-normal-cement-content portland cement concrete base widening on projects which include resurfacing with bituminous concrete.....	1951	1a, 1d, 1g	1, 2
14	Experimental Use of Bituminous Underseal (Route US 66, Lincoln to Sherman).....	Determine effectiveness of various types of bituminous underseal materials in controlling pumping; determine quantities required.....	1951	1a, 1f, 1g	-----
15	Experimental Study of Pavement Slab Design, Joints and Joint Sealing Compounds (Route US 66, Section 110X-5 South of Springfield).....	Develop, by means of field experimentation, improved methods for portland cement concrete pavement construction and design.....	1951	1a, 1d, 1g	1, 2
17	Oil-solvent Treatment.....	Determine, by means of field experimentation, the effectiveness of an oil-solvent solution in the control of salt-sealing of concrete pavements.....	1951	1a, 1g	-----
20	Lean-mix Plain Unjointed Portland Cement Concrete Base with Bituminous Concrete Surface.....	Determine performance of lean-mix portland cement concrete bases surfaced with bituminous concrete.....	1955	1a, 1d, 1g	1, 2
27	Bituminous Surfacing on Flexible Base.....	Evaluate the performance under heavy traffic of a bituminous concrete surface on a crushed-stone base.....	1952	1a	1, 2
28	AASHO Road Test.....	Develop information to assist in determining: 1. What additional highway costs can be justified to permit the use of heavier trucks than now allowed. 2. How to design pavements that will carry present and future traffic. 3. What share of highway costs should be borne by the operators of various classes of vehicles.....	1955	1	1, 2
32	Bituminous Surfacing Investigation.....	Investigate the stability of bituminous mixtures, and the effects of mixing, transporting, placing, and weathering on the asphalt cement.....	1942	1d	-----
33	Paints, Enamels, and Sign Materials.....	Determine field performance of paints, enamels, and sign materials.....	-----	1d	-----
36	Continuously Reinforced Portland Cement Concrete Pavement.....	Determine the behavior and economic feasibility of continuous reinforcement in portland cement concrete pavement.....	1947(1d) 1961(1a)	1a, 1d	1, 2

TABLE 43.—Continued.

			RESEARCH AND DEVELOPMENT		
Project No.	Name of Project	Purpose	Year Under-taken	See "Note" Below	
				Agency Conducting Project	Co-sponsors
43	Sealing of Joints and Cracks in Portland Cement Concrete Pavement.....	Determine the need for and performance of various compounds for sealing and filling joints.....	1953	1a	-----
44	Channeling, Cracking, and Shoving of Bituminous Surfaces.....	Develop information which will lead to a reduction of channeling, cracking, and shoving in bituminous surfaces.....	1953	1	-----
46	Soil-Aggregate Mixtures for Highway Pavement.....	Determine the effect of variables influencing the durability, stability, and wear resistance of soil-aggregate mixtures.....	1953	3	1, 2, 3
47	Chemical and Physico-Chemical Stabilization of Soils.....	Develop usage of chemicals in stabilizing natural soils as bases and subbases for pavement.....	1958	3	1, 2, 3
53	Vehicular Speed Regulation.....	Determine and evaluate factors involved in vehicular speed regulation; establish warrants for speed regulation and develop application procedures; and develop methods and devices for obtaining maximum compliance.....	1955	3, 1e, 1g	1, 2, 3
54	Flood Flow from Small Drainage Areas.....	Provide information that will aid in the scientific design of small drainage structures.....	1955	5	1, 5
55	Warrants for Highway-Highway Grade Separations.....	Develop a set of warrants for determining where grade separations for highways are justified, and to provide procedures for the analysis and application of the warrants.....	1962	6	1, 2, 6
58	Equipment for Establishment and Maintenance of Roadside Cover.....	Develop and evaluate ideas for more effective and economical roadside development and maintenance equipment.....	1958	3, 1f, 1g	1, 2, 3
59	Widths and Cross Sections for Medians of Divided Highways.....	Determine minimum desirable widths and cross sections for medians of divided highways in relation to safety, service, and economy.....	1958	3	1, 2, 3
61	Left-Hand On-and-Off Ramps for Expressways and Freeways.....	Determine functional acceptability of left-hand exits and entrances to expressways and freeways, including geometrics and signing for maximum efficiency.....	1959	6	1, 2, 6
63	85 Percentile Speed Study.....	Validate and develop speed criteria for geometric design, and sign selection and placement for grade-separated interchanges and at-grade intersections.....	1959	1a	1, 2
64	Welded Highway Structures.....	Improve designs for welded highway structures and improve inspection and quality control.....	1959	3	1, 2, 3
65	Highway Drainage Laws and Practices.....	Assemble and analyze existing drainage laws and practices as a background for a general policy statement and manual of highway drainage practice.....	1959	3, 1	1, 2, 3
66	Study of Woody and Herbaceous Plants for Roadside Cover.....	Select nursery grown plants best suited for attractive ground cover and erosion control of raw soil on steep slopes.....	1959	3, 1	1, 2, 3
67	Grasses and Their Establishment as Turf.....	Develop grass mixtures and methods of culture which will establish cover on raw growth-resistant soils within two growing seasons to minimize soil erosion.....	1959	3, 1	1, 2, 3

68	Guidelines for Rural Appraisals-----	Provide guidance in estimating (1) damage to remaining real property following severance or reduction in size, (2) value based on potential use, (3) value of partial takings not involving (1) and (2)-----	1959	3, 1	1, 2, 3
69	Traffic-Linkage Patterns-----	Evaluate and develop hypotheses concerning the traffic linkage relationships that exist between communities as exemplified by the Champaign-Urbana region-----	1959	3	1, 2, 3
70	Social Factors and Traffic-----	Develop a method for making an estimate of the trip generation potential of a population on the basis of its social characteristics-----	1959	3	1, 2, 3
71	Traffic and Urban Land Values-----	Learn the influence on urban property values of changes in character and volume of traffic on a major street and highway network-----	1959	3	1, 2, 3
72	Prediction of Creep in Structural Concrete from Short-time Tests-----	Determine the usefulness of short-time sonic tests in predicting creep in structural concrete-----	1959	3	1, 2, 3
73	Mechanism of Fatigue Failure in Concrete-----	Determine some of the factors which influence the initiation and propagation of fatigue damage in concrete-----	1959	3	1, 2, 3
74	Road Smoothness-----	Improve riding quality of pavements through a systematized study of new and old pavements by means of a standardized device for measuring smoothness-----	1957	1a	1, 2
75	Seal Coats and Surface Treatments-----	Obtain basic information for evaluating bituminous material as related to seal coat and surface treatment aggregate-----	1960	3	1, 2, 3
76	Lime Stabilization-----	Determine if lime stabilization of soils is effective and economical in pavement construction in Illinois-----	1960	3	1, 2, 3
77	Imperfect Trench Method of Culvert Construction-----	Check theory and provide quantitative values for design of this type of installation-----	1961	1a, 1g	1, 2, 7
78	County Road Identification and Rural House Numbering-----	Develop orderly and systematic methods of local and rural road identification and rural house identification-----	1962	1a	1, 2
79	Urethane Insulation of Bridge Decks-----	Determine practicability of applying urethane foam insulation to bridge decks to control icing and inhibit freeze-thaw deterioration-----	1961	1a, 1g	1, 2
80	Linseed Oil Retreatments-----	Determine by means of field experimentation, the value, the optimum spacing of cycles, and the optimum rate of application of linseed oil retreatment of concrete bridges to extend the effectiveness of a treatment program to control damage from the use of deicing salts-----	1963	1a, 1f, 1g	1, 2
82	Slip-form Pavement Construction-----	Evaluate the economy of the slip-form process, evaluate and determine possible improvements in the equipment and the process, and evaluate subsequent behavior of pavements constructed by the process-----	1963	1a, 1d, 1g	1, 2
88	Expressway Surveillance-----	Determine, by means of operational studies, causes of congestion on high-volume expressways, investigate and determine ways to improve traffic flow by means of automatic traffic control measures, and evaluate resulting benefits-----	1961	1a, 1g	1, 2, 8, 9

Note: Agencies taking part in highway research activities:

- 1. Division of Highways
 - a. Bureau of Research and Development
 - b. Bureau of Construction
 - c. Bureau of Design
 - d. Bureau of Materials
 - e. Bureau of Traffic
 - f. Bureau of Maintenance
 - g. Highway Districts

- 2. Federal Bureau of Public Roads
- 3. University of Illinois
- 4. Research Council on Riveted and Bolted Joints
- 5. United States Geological Survey
- 6. Northwestern University
- 7. Illinois Concrete Pipe Association
- 8. Cook County
- 9. City of Chicago

XI. TRAFFIC

1. GENERAL.—Providing for traffic operation on State highways and administering the provisions of the Safety Responsibility Law are duties of the Bureau of Traffic. The work is accomplished by three sections established in the Bureau: (1) Traffic Operations, (2) Accident Research and Statistics, and (3) Safety Responsibility.

Details of the work performed under each of these sections are given in the following paragraphs and tables.

2. TRAFFIC OPERATIONS.—It is the responsibility of the Traffic Operations Section to purchase the equipment and supplies for the sign and zone marking program; check traffic signal plans and inspect all traffic signals installed with State or motor fuel tax funds; prepare specifications, check plans, and inspect the installation of all interstate signing projects; issue permits for vehicles and loads exceeding the legal maximum in size and weight; and conduct engineering traffic studies and investigations.

Traffic investigations, preparation of sign and signal plans, and maintenance of signs and pavement markings are operations at the district level.

(a) *Highway Signs*.—There were 330,000 signs on State highways exclusive of the interstate system at the end of 1963. Of these, 12,000 were newly erected signs, and 112,000 were rehabilitated and replaced during the year.

The State Penitentiary at Pontiac rehabilitated 2,300 signs of which 2,025 were reflectorized. The penitentiary also sold to the Division 141,592 new signs of which 67,290 were aluminum, 51,460 were steel, and 22,842 were plywood. Reflectorization material was applied to 138,941 of these.

The district sign shops were supplied with 181,650 square feet of reflective material for reconditioning signs. Approximately 98,000 signs were rehabilitated in the district sign shops at an average cost of \$2.25 per sign, exclusive of reflectorizing material.

Contracts were let for signing interstate highways using Federal participation in the cost at the following locations:

Interstate 80 east of Atkinson

Interstate 80 between Mineral and Ladd

Interstate 55 around the east edge of Springfield

Interstate 57 between Interstate 70 and Watson

Interstate 55 between Central and California Avenues in Chicago

Interstate 55 between Clarendon Hills Avenue and Harlem Avenue in Chicago

(b) *Pavement Marking*.—The method of applying the standard center line and lane line markings consisting of 15 feet of white followed by 25 feet of black paint in one operation was continued during 1963. The yellow no-passing zone lines were also applied simultaneously with the center lines.

Beads were applied to the white and yellow lines. The average cost of application of zone marking was \$10.24 per mile.

In addition to painted pavement marking, approximately 415,205 lineal feet of thermoplastic lines were applied, consisting of approximately 32,980 feet of 8-inch white solid lines; 172,850 feet of 5-inch white dash lane lines; 136,630 feet of 4-inch white center and edge

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lines; 1,870 feet of 8-inch yellow solid lines; 3,225 feet of 5-inch yellow barrier lines; and 67,650 feet of 4-inch yellow barrier and stop lines. Total contract bid price was \$151,820.54.

The following tabulation shows quantities, mileages, and costs of the zone marking program for 1963:

Types of Material	Miles of Traffic Line	Gallons of Material	Pounds of Beads	Total Cost	Cost per Mile ¹
Tar-----	5,935	42,621		² \$18,381.83	\$ 13.34
Asphalt-----	9,213	84,835		² 35,912.33	14.14
White (Dash)-----	15,787	133,376	607,120	448,199.11	28.39
White (Solid)-----	27,502	409,278	1,706,835	1,130,624.47	41.11
NPZ Yellow-----	2,864	56,896	261,800	² 139,546.10	58.96
Double Yellow-----	801	30,953	139,420	86,906.17	108.50
Totals-----	62,102	757,959	2,715,175	\$1,859,570.01	-----

¹ Cost per mile is based on application and material costs as if each line were run separately. Application costs were \$10.24 per mile.

² Contains only material costs since these lines were marked simultaneously with, and were accessory to, the white dash line.

(c) *Traffic Signals*.—At the close of 1963, there was a total of 3,084 traffic control signals, 273 flashing beacons, and 497 flashing school crossing signals in place on all State highways. The traffic control signals consisted of 1,884 fixed-time and 1,200 actuated signals, most of which were installed by municipal authorities with motor fuel tax funds.

The following new installations were made with State funds during 1963:

TRAFFIC CONTROL SIGNALS

Alternate US 30 and Joliet Street in Glen Ellyn
 Illinois 53 and Warrenville Road north of Lisle
 Illinois 55 and Midwest Road northwest of Oak Brook
 Illinois 56 and Midwest Road northwest of Oak Brook
 Illinois 64 and Villa Avenue north of Villa Park
 US 14 and Main Street in Mount Prospect
 Illinois 59 and Illinois 173 southwest of Antioch
 Illinois 83, 21 and Illinois 173 southeast of Antioch
 US 6, 150 and Interstate 280 south of Moline
 West Third Street and Avenue G in Sterling
 US 66 and Odell Road West of Odell
 Illinois 48 and Illinois 121 north of Decatur
 US 66 and Fifth Street west of Lincoln
 US 66 and Stanton Avenue south of Springfield
 MacArthur Boulevard and Iles Avenue south of Springfield
 US 66 and South Grand Avenue east of Springfield
 Algonquin Road (Ill. 62) and Northeast Ramp—Northeast Loop
 (to and from Ill. 53) south of Rolling Meadows
 Algonquin Road (Ill. 62) and Northwest Ramp—Northwest Loop
 (to and from Ill. 53) south of Rolling Meadows
 Halsted Street (Alt. Ill. 1) and 171st Street North of East Hazel
 Crest
 Halsted Street (Alt. Ill. 1) and 123rd Street east of Calumet
 Park

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Evanston-Elgin (Golf) Road (Ill. 58) and Potter Road northeast of Des Plaines

Algonquin Road (Ill. 62) and Dempster Street southwest of Mount Prospect

Dundee Road (Ill. 68) and McHenry Road north of Wheeling

McCormick Boulevard and Howard Street east of Skokie

McCormick Boulevard and Oakton Street east of Skokie

McCormick Boulevard and Dempster Street east of Skokie

McCormick Boulevard and Illinois 58 east of Skokie

McCormick Boulevard and Church Street east of Skokie

Crawford Avenue (Pulaski Road) and 99th Street east of Oak Lawn

FLASHING BEACONS

US 51 and Shooting Park Road in Peru

Contracts were also awarded for alteration and rehabilitation of many previously installed signals because of the increased capacity requirements.

The contract for maintenance of traffic signals, lighting systems, and pumping station systems in Districts 1 and 10, amounting to \$1,672,203.80, was awarded for the first year of the biennium.

(d) *Permits*.—During 1963, 50,761 permits were issued for the transportation over State highways of vehicles and loads whose dimensions or weights exceeded the legal maximum. This compares with a total of 48,170 permits issued during 1962. The Chicago office issued 6,155 permits; Effingham, 3,584; and Springfield, 41,022.

(e) *Engineering Traffic Studies and Investigations*.—A total of 61,501 man-days was used on traffic studies and investigations in 1963. Most of these studies were made at high-accident locations, intersections, and speed zone areas.

(f) *Expenditures and Costs*.—Expenditures and costs are summarized in several tables of this section. Table 44 shows total expenditures and costs for traffic operations for 1963. Tables 45 and 46 compare the 1962 and 1963 costs for traffic operations according to the type work, exclusive of cost of expressways; Table 47 shows traffic operation costs of expressways; and Table 48 shows construction funds expended by authorization for traffic control during 1963.

TABLE 44.—EXPENDITURES AND COSTS DURING 1963 FOR TRAFFIC OPERATIONS

Accounts	Expenditures	Costs
Direct charges:		
Upkeep of signs, signals, markings, and lighting-----	\$4,369,756.41	¹ \$4,378,858.37
Administration and engineering:		
District Offices-----	1,376,214.15	1,376,214.15
Bureau Offices-----	199,133.42	199,133.42
Subtotal-----	\$5,945,103.98	\$5,954,205.94
Equipment-----	216,163.70	² 121,202.41
Interdepartmental charges-----		
Less credits-----		77,652.97
Total-----	\$6,161,267.68	\$5,997,755.38

¹ Costs obtained as follows:

Actual expenditures	\$4,369,756.41
Less December 1962 payroll paid in January 1963.....	51,560.29
	\$4,318,196.12
Add December 1963 payroll paid in January 1964.....	60,662.25
Costs shown above	\$4,378,858.37

² Equipment depreciation figured on a straight-line basis.

TABLE 45.—COMPARISON OF TRAFFIC OPERATION COSTS FOR INTERSTATE HIGHWAYS FOR 1962 AND 1963.

Account	1962 Costs ¹ for 2394.34 miles			1963 Costs ¹ for 462.11 miles			Change	
	Total	Per Cent of Total	Per Mile	Total	Per Cent of Total	Per Mile	Total	Per Mile
Signs.....	\$56,565.92	47.73	\$143.44	\$106,549.89	69.75	\$230.57	\$+49,983.97	\$+87.13
Pavement marking.....	52,056.47	43.92	132.01	29,668.64	19.42	64.20	-22,387.83	-67.81
Highway lighting.....	2,665.23	2.25	6.76	8,025.68	5.26	17.37	+5,360.45	+10.61
Traffic signals.....	7,224.72	6.10	18.32	8,504.75	5.57	18.40	+1,280.03	+0.08
Total costs.....	\$118,512.34	100.00	\$300.53	\$152,748.96	100.00	\$330.54	\$+34,236.62	\$+30.01

¹ Costs include administration expense of district offices and a pro rata share of the central office expenses.

² Contains 0.52 mile of detour route.

TABLE 46.—COMPARISON OF TRAFFIC OPERATION COSTS FOR REGULAR HIGHWAYS FOR 1962 AND 1963.
(EXCLUDES INTERSTATE HIGHWAYS AND EXPRESSWAYS)

Account	1962 Costs ¹ for 14,316.97 miles			1963 Costs ¹ for 14,295.09 miles			Change	
	Total	Per Cent of Total	Per Mile	Total	Per Cent of Total	Per Mile	Total	Per Mile
Signs.....	\$2,241,527.00	54.05	\$156.56	\$2,413,441.32	50.67	\$168.83	\$+171,914.32	\$+12.27
Pavement marking.....	1,133,950.34	27.34	79.20	1,631,291.33	34.25	114.11	+497,340.99	+34.91
Highway lighting.....	58,421.40	1.41	4.08	65,344.99	1.37	4.57	+6,923.59	+0.49
Traffic signals.....	713,345.00	17.20	49.83	652,642.94	13.71	45.66	-60,702.06	-4.17
Total costs.....	\$4,147,243.74	100.00	\$289.67	\$4,762,720.58	100.00	\$333.17	\$+615,476.84	\$+43.50

¹ Costs include administration expense of district offices and a pro rata share of the central office expenses.

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TABLE 47.—COMPARISON OF TRAFFIC OPERATION COST FOR EXPRESSWAYS IN 1963 WITH THAT OF 1962.

Account	1962 Costs for 182.47 miles		1963 Costs for 190.75 miles		Difference	
	Cost	Cost Per Mile	Cost	Cost Per Mile	Cost	Cost Per Mile
Signs-----	\$ 83,543.27	\$1,013.01	\$ 144,925.53	\$ 1,596.98	\$+61,382.26	\$+583.97
Pavement marking----	44,030.52	533.90	13,043.54	143.73	—30,986.98	—390.17
Highway lighting-----	327,507.97	3,971.24	433,143.33	4,828.03	+110,635.36	+856.79
Traffic signals-----	29,448.57	357.08	20,027.77	220.69	—9,420.80	—136.39
Emergency patrol-----	189,125.40	2,293.26	466,145.67	5,136.59	+277,020.27	+2,843.33
Total-----	\$673,655.73	\$8,168.49	\$1,082,285.84	\$11,926.02	\$+408,630.11	\$+3,757.53

¹ Cost per mile is figured on weighted average miles maintained during year.

TABLE 48.—TRAFFIC CONTROL CONSTRUCTION BY AUTHORIZATION DURING 1963

District	Amount
1-----	\$ 310,717.53
2-----	292,494.10
3-----	263,079.61
4-----	168,490.01
5-----	231,713.34
6-----	155,234.13
7-----	222,318.56
8-----	244,282.77
9-----	311,767.56
10-----	229,113.24
Total-----	\$2,429,210.85

3. ACCIDENT STATISTICS. — The purpose of the Accident Statistics Section is to take information from accident reports, convert it into communications and statistics and disseminate the information to all interested individuals and agencies. Accident information was taken from drivers' reports and distributed as in former years with 3,230 cases called to the attention of district engineers for correcting alleged deficient highways or for apprehending those who damaged highway structures. Accident records were furnished the districts for studying 93 specific locations.

Over 650 State-wide urban-rural traffic accident statistical summaries were distributed each month. A national standard form for statistical summaries was utilized to issue monthly, semiannual, and annual summaries of all accident details, on a State-wide basis. Semi-annual lists of accident statistics arranged by county and city were prepared. Information was collected and made available to engineering personnel and the research analyst for special studies on the following subjects:

- Bicycle Accidents
- School Bus Accidents
- School Child Accidents
- Small Car Accidents
- Winter Accidents
- Pedestrian Accidents
- Drinking Driver Accidents
- Nighttime Accidents
- Railroad Grade Crossing Accidents

- Interstate System Accident Research
- Accident Rates at Rural Primary Highway Intersections
- Accident Rates Before and After Channelization
- Accident Experience Under Varied Degrees of Access Control
- Accident Rates Before and After Rumble Strips
- Accident Estimate for Proposed Expressways
- Accidents Due to Wrong-Way Movements on Expressways
- Accidents for Operation “66”
- Urban Accidents as Criteria for Medians

To keep pace with an aggressive State-wide program of traffic safety activities, services were furnished to several governmental agencies. These included answering a variety of statistical requests for the Division of Traffic Safety; compiling statistical summaries for enforcement purposes for the State Highway Police; and notifying the Secretary of State of physical defects of drivers involved in accidents. Notice of each driver involvement in an accident was similarly supplied.

One issue of a leaflet entitled “Accident Facts” was printed in two colors displaying annual and other pertinent accident statistics in popular style. Many of the 225,000 folders which were printed were distributed by the Division of Traffic Safety.

The number of traffic accidents occurring in cities and rural areas (rural areas include incorporated places of less than 2,500 population) is shown in the following tabulation:

NUMBER OF ACCIDENTS			
Location	Number of Accidents		Per Cent Increase
	1962	1963	
City of Chicago.....	131,290	132,272	0.7
Cities of 2,500 to 500,000.....	74,248	79,007	6.4
Rural Areas.....	46,484	47,397	2.0
Total.....	252,022	258,676	2.6

A comparison of the injuries, deaths, and death rate from motor vehicle accidents for 1962 and 1963 follows:

Item	1962	1963	Per Cent Increase
Fatalities.....	1,890	2,028	7.3
Persons Injured.....	112,310	119,894	6.8
Vehicle Travel ¹	38,735	40,090	3.5
Death Rate ²	4.9	5.1	4.1

¹ Millions of vehicle miles.
² Deaths per hundred million miles of travel.

Various aspects concerning motor vehicle accidents in Illinois are summarized in the next few pages. Figure 11 shows the geographical distribution of fatalities in Illinois; Table 49 lists the contributing factors concerning rural accidents; Table 50 gives the type of accident; and Table 51 summarizes accident statistics in cities.

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STATE OF ILLINOIS

OTTO KERNER, Governor

DEPARTMENT OF PUBLIC WORKS
AND BUILDINGS ★ Division of
Highways

ILLINOIS MOTOR VEHICLE DEATHS YEAR 1963

LEGEND

-  Indicates Decrease
-  Indicates No Change
-  Indicates Increase

Figures in each county
represent the number of
persons killed during the
year 1963

Total killed 2,028

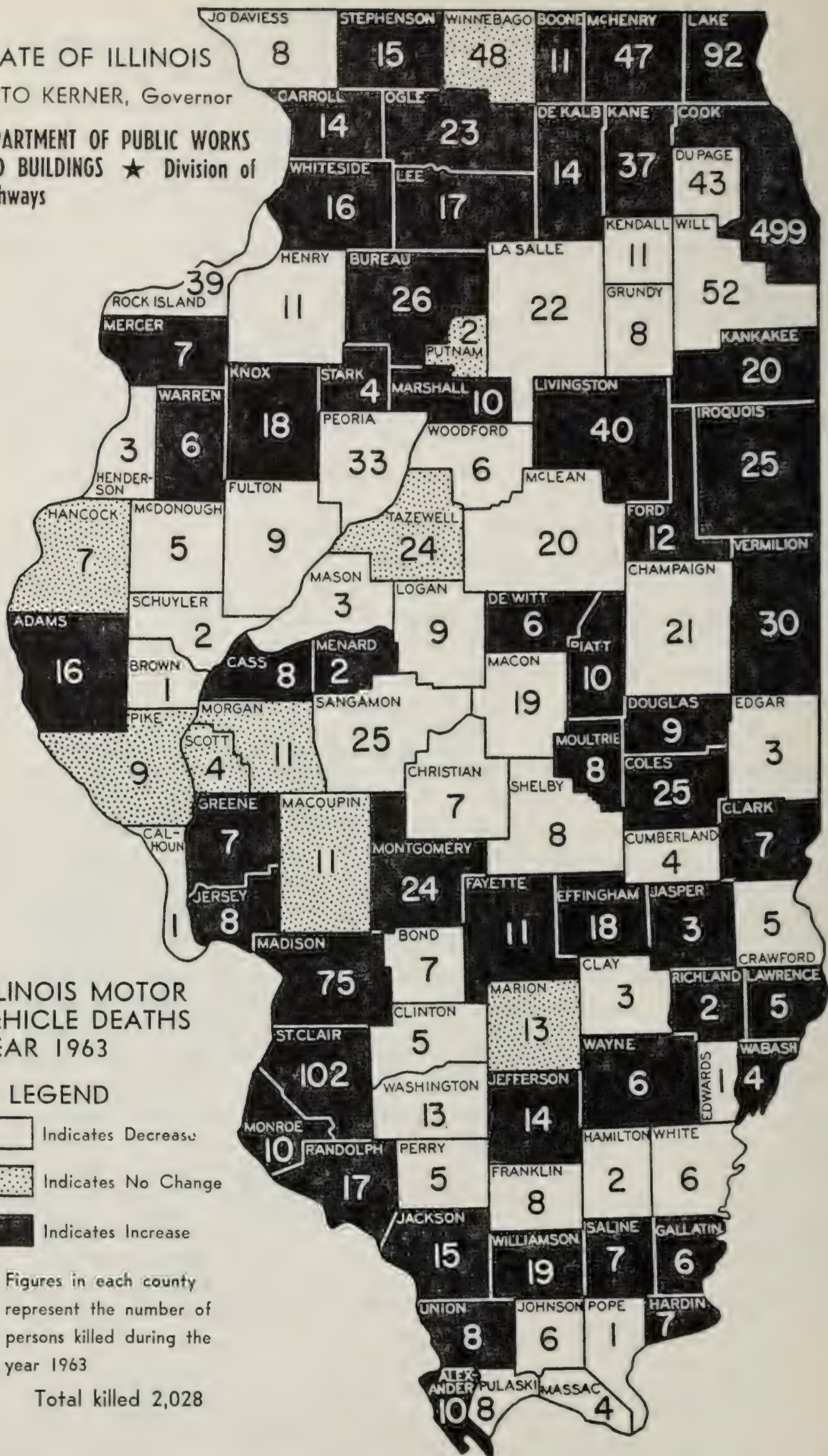


Figure 11.—Deaths in each county resulting from motor vehicle accidents in 1963.

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TABLE 49.—CIRCUMSTANCES CONTRIBUTING TO MOTOR VEHICLE ACCIDENTS IN 1963.

Contributing Circumstance of Accidents	Total Accidents		Fatal Accidents	
	Number	Per Cent	Number	Per Cent
Speed too fast.....	6,719	22.5	241	32.0
Followed too closely.....	4,921	16.5	19	2.5
Failed to yield right of way.....	3,191	10.7	90	11.9
Drove left of center.....	2,668	8.9	166	22.0
Improper overtaking.....	2,661	8.9	50	6.6
Passed stop sign.....	2,643	8.8	53	7.0
Other improper driving.....	2,133	7.1	24	3.2
Disregarded traffic signal.....	1,703	5.7	14	1.9
Had been drinking.....	1,418	4.8	84	11.2
Made improper turn.....	905	3.0	5	0.7
Inadequate brakes.....	775	2.6	1	0.1
Improper lights.....	146	0.5	7	0.9
Total.....	29,883	100.0	754	100.0

Includes only accidents occurring on Interstate, US, or Illinois numbered routes traversing rural areas and cities having less than 2,500 population.

TABLE 50.—REPORTED MOTOR VEHICLE ACCIDENTS IN 1963 BY TYPE OF COLLISION WITH RESULTING INJURIES AND DEATHS.

Type of Accident	Accidents		Persons Killed		Persons Injured	
	Number	Per Cent	Number	Per Cent	Number	Per Cent
Collision with:						
Pedestrian.....	9,550	3.7	342	16.9	10,279	8.6
Motor vehicle in traffic.....	185,978	71.9	900	44.4	87,395	72.9
Parked motor vehicle.....	34,907	13.5	26	1.3	4,179	3.5
Railroad train.....	488	0.2	112	5.5	403	0.3
Bicyclist.....	1,848	0.7	27	1.3	2,093	1.7
Animal.....	807	0.3			216	0.2
Fixed object.....	9,809	3.8	262	12.9	4,769	4.0
Other object.....	1,756	0.7			979	0.8
Overtaken in roadway.....	864	0.3	26	1.3	764	0.6
Ran off roadway.....	11,814	4.6	314	15.5	8,094	6.8
Other non-collision.....	855	0.3	19	0.9	723	0.6
Total.....	258,676	100.0	2,028	100.0	119,894	100.0

4. SAFETY RESPONSIBILITY.—The purpose of the Safety Responsibility Section is to conduct all surveillance and procedure on the accident reports having to do with insurance requirements. The Uniform Act Regulating Traffic on Highways requires drivers and owners of vehicles involved in accidents which result in property damage in excess of \$100 to any one person or in death or personal injury to file accident reports with the Department of Public Works and Buildings. The Safety Responsibility Section of the Bureau of Traffic receives these reports, determines the financial responsibility status of the owners and operators, and certifies to the Secretary of State the names of those who fail to provide proof of financial responsibility.

In 1963, 258,676 motor vehicle accidents occurred of which 216,439 were reported by drivers. Of those reported, 34,630 were of less than minimum property damage and no action was taken but the remainder were processed for compliance with the Safety Responsibility Law. From these accident cases, the names of 46,295 persons were certified to the Secretary of State to deposit security. Of these persons, 14,452 belatedly complied with the law and actions in their cases were rescinded.

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TABLE 51.—TRAFFIC ACCIDENTS REPORTED IN 1963 IN CITIES OF 5,000 OR MORE POPULATION

City	Population in 1960	Total Accidents	Fatal Accidents	Persons Killed	Nonfatal Accidents	Persons Injured	Property Damage Accidents
Addison	6,741	201			85	143	116
Alton	43,047	859	4	4	316	480	539
Arlington Heights	27,878	423			121	176	302
Aurora	63,715	1,736	7	7	565	872	1,164
Barrington	5,434	123			30	50	93
Bartonville	7,253	89	1	1	28	40	60
Batavia	7,496	87	2	2	17	27	68
Beardstown	6,294	80			21	28	59
Belleville	37,264	818	5	5	260	393	553
Bellwood	20,729	319			115	165	204
Belvidere	11,223	146	1	1	44	62	101
Bensenville	9,141	222	2	2	103	187	117
Benton	7,023	131			39	58	92
Berkeley	5,792	60			24	31	36
Berwyn	54,224	1,064	3	3	422	656	639
Bloomington	36,271	960	1	1	272	396	687
Blue Island	19,618	464	5	5	166	271	293
Bradley	8,082	106			32	40	74
Bridge View	7,334	149	1	1	63	110	85
Broadview	8,588	180			59	87	121
Brookfield	20,429	238	1	1	66	100	171
Cahokia	15,829	111			54	79	57
Cairo	9,348	153			42	61	111
Calumet City	25,000	565	2	2	157	251	406
Calumet Park	8,448	133			46	69	87
Canton	13,588	201	2	2	59	91	140
Carbondale	14,670	291			77	98	214
Carlinville	5,440	51			14	19	37
Carmi	6,152	91			34	48	57
Carpentersville	17,424	115	1	1	51	80	63
Centralia	13,904	241	1	1	71	100	169
Centreville	12,769	71	2	2	26	43	43
Champaign	49,583	1,355	1	1	391	551	963
Charleston	10,505	131	1	1	40	52	90
Chicago	3,550,404	132,272	295	308	27,703	41,337	104,274
Chicago Heights	34,331	817			286	444	531
Chicago Ridge	5,748	104			49	90	55
Cicero	69,130	1,461	3	3	498	761	960
Clarendon Hills	5,885	62			28	51	34
Clinton	7,355	95	1	1	20	30	74
Collinsville	14,217	186			61	93	125
Crest Hill	5,887	49	1	1	17	36	31
Creve Coeur	6,684	66			32	51	34
Crystal Lake	8,314	128	1	1	49	87	78
Danville	41,856	1,246	3	3	333	466	910
Decatur	78,004	1,628	7	7	571	863	1,050
Deerfield	11,786	195			67	95	128
DeKalb	18,486	316	1	1	80	119	235
Des Plaines	34,886	959	5	5	350	559	604
Dixon	19,565	260	1	1	82	107	177
Dolton	18,746	257	1	1	84	137	172
Downers Grove	21,154	386			132	204	254
DuQuoin	6,558	67			16	21	51
East Alton	7,630	207	1	1	75	115	131
East Moline	16,732	439	5	5	133	203	301
East Peoria	12,310	425	1	1	159	239	265
East St. Louis	81,712	1,686	26	28	585	970	1,075
Edwardsville	9,996	136			42	56	94
Effingham	8,172	143	2	9	42	62	99
Elgin	49,447	994	2	2	280	405	712
Elk Grove Village	6,608	84	1	1	39	73	44
Elmhurst	36,991	727	1	1	243	381	483
Elmwood Park	23,866	390	1	1	143	228	246
Evanston	79,283	1,579	4	4	492	689	1,083
Evergreen Park	24,178	402			145	208	257
Fairfield	6,362	80			16	25	64
Flora	5,331	70			23	38	47
Forest Park	14,452	349	2	2	124	193	223
Franklin Park	18,322	615	3	3	222	370	390
Freeport	26,628	462	4	4	141	214	317
Galesburg	37,243	640	1	1	170	236	469
Geneseo	5,160	62	1	1	15	18	46
Geneva	7,646	198	1	1	56	93	141
Glen Ellyn	15,972	252			93	152	159
Glencoe	10,472	119			30	48	89
Glenview	18,132	317			96	146	221
Granite City	40,073	588	4	4	204	311	380

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TABLE 51.—Continued.

City	Population in 1960	Total Accidents	Fatal Accidents	Persons Killed	Nonfatal Accidents	Persons Injured	Property Damage Accidents
Harrisburg	9,171	100			14	19	86
Harvey	29,071	832	3	3	289	466	540
Harwood Heights	5,688	94	1	1	39	67	54
Hazel Crest	6,205	78			30	43	48
Herrin	9,474	134			48	68	86
Highland Park	25,532	509	2	4	167	253	340
Hillside	7,794	219			87	145	132
Hinsdale	12,859	235			75	122	160
Hoffman Estates	7,554	32			19	34	13
Hometown	7,479	73			36	62	37
Homewood	13,371	257			89	133	168
Hoopeston	6,606	85			28	47	57
Jacksonville	21,690	339	3	3	80	116	256
Jerseyville	7,420	137	1	1	43	57	93
Joliet	66,780	1,706	4	4	577	884	1,125
Kankakee	27,666	667	1	1	199	295	467
Kewanee	16,324	170			49	59	121
LaGrange	15,285	368	1	1	107	164	260
LaGrange Park	13,793	154	2	2	54	82	98
Lake Forest	10,687	201			78	128	123
Lansing	18,098	248	1	1	76	119	171
LaSalle	11,897	179	2	2	55	84	122
Lawrenceville	5,492	92			25	30	67
Libertyville	8,560	148			50	69	98
Lincoln	16,890	266			91	128	175
Lincolnwood	11,744	429			174	290	255
Litchfield	7,330	94	1	1	28	52	65
Lockport	7,560	128	1	1	50	68	77
Lombard	22,561	266			90	135	176
Loves Park	9,086	200	2	2	79	131	119
Lyons	9,936	254	2	2	81	127	171
Macomb	12,135	262	2	2	68	99	192
Madison	6,861	129	1	1	29	44	99
Marion	11,274	177	1	1	49	67	127
Markham	11,704	132			65	111	67
Mattoon	19,088	334	1	1	90	136	243
Maywood	27,330	580	2	2	215	326	363
Melrose Park	22,291	791	5	5	294	472	492
Mendota	6,154	66			17	23	49
Metropolis	7,339	58			20	23	38
Midlothian	6,605	82			22	40	60
Moline	42,705	1,317	3	3	386	540	928
Monmouth	10,372	206			67	100	139
Morris	7,935	127	2	2	34	51	91
Morton	5,325	69	1	1	21	31	47
Morton Grove	20,533	668	6	6	244	403	418
Mount Carmel	8,594	119			33	40	86
Mount Prospect	18,906	468			170	289	298
Mount Vernon	15,566	356	1	1	116	165	239
Mundelein	10,526	109			35	61	74
Murphysboro	8,673	139	1	1	45	71	93
Naperville	12,933	156			49	77	107
Niles	20,393	773	2	2	332	566	439
Normal	13,357	203			71	113	132
Norridge	14,087	178	1	1	74	114	103
North Chicago	20,517	308	4	5	87	131	217
North Riverside	7,989	162			63	108	99
Northbrook	11,635	187	1	2	77	123	109
Northlake	12,318	204			83	129	121
Oak Lawn	27,471	715	4	4	274	435	437
Oak Park	61,093	1,182	1	1	433	652	748
Olney	8,780	170			52	76	118
Ottawa	19,408	371	2	2	102	136	267
Palatine	11,504	221	1	1	77	125	143
Pana	6,432	88			31	40	57
Paris	9,823	196			64	89	132
Park Forest	29,993	202			71	115	131
Park Ridge	32,659	601	3	3	196	313	402
Pekin	28,146	448	2	3	170	255	276
Peoria	103,162	2,882	9	9	929	1,396	1,944
Peoria Heights	7,064	74	1	2	27	45	46
Peru	10,460	148	1	1	50	78	97
Pontiac	8,435	154			27	39	127
Princeton	6,250	105			27	38	78
Quincy	43,793	810	4	4	242	345	564
Rantoul	22,116	191			68	119	123
River Forest	12,695	323	2	3	120	180	201
River Grove	8,464	312	1	1	123	203	188

TRAFFIC

TABLE 51.—Concluded.

City	Population in 1960	Total Accidents	Fatal Accidents	Persons Killed	Nonfatal Accidents	Persons Injured	Property Damage Accidents
Riverdale.....	12,008	226	1	1	85	128	140
Riverside.....	9,750	175	1	1	66	97	108
Robbins.....	7,511	78			28	44	50
Robinson.....	7,226	96			28	34	68
Rochelle.....	7,008	133	1	1	44	65	88
Rock Falls.....	10,261	190	1	2	48	76	141
Rock Island.....	51,863	1,306	7	9	389	605	910
Rockford.....	126,706	3,286	17	17	1,136	1,670	2,133
Rolling Meadows..	10,879	82			38	55	44
Round Lake Beach	5,011	32			12	20	20
Salem.....	6,165	112	1	1	28	33	83
Schiller Park.....	5,687	245			109	171	136
Skokie.....	59,364	1,730	3	3	681	1,186	1,046
South Holland.....	10,412	157			60	109	97
Spring Valley.....	5,371	89			26	36	63
Springfield.....	83,271	2,013	2	2	668	977	1,343
St. Charles.....	9,269	240	2	2	88	132	150
Steger.....	6,432	70			30	40	40
Sterling.....	15,688	402			119	171	283
Stickney.....	6,239	98			38	67	60
Streator.....	16,868	223	1	1	76	105	146
Summit.....	10,374	304	1	1	106	169	197
Sycamore.....	6,961	128	1	1	42	54	85
Taylorville.....	8,801	175			52	85	123
Tinley Park.....	6,392	48			13	19	35
Urbana.....	27,294	543			167	226	376
Vandalia.....	5,537	109			36	64	73
Venice.....	5,380	97	3	3	36	54	58
Villa Park.....	20,391	337			138	217	199
Washington.....	5,919	41			17	24	24
Washington Park..	6,601	35	1	1	10	12	24
Watseka.....	5,219	90	1	1	25	37	64
Waukegan.....	55,719	1,015	5	7	345	507	665
West Chicago.....	6,854	101			33	48	68
West Frankfort...	9,027	156	1	1	58	93	97
Westchester.....	18,092	170	1	1	74	101	95
Western Springs...	10,838	138			34	55	104
Westmont.....	5,997	80			21	27	59
Wheaton.....	24,312	324	3	3	102	146	219
Wheeling.....	7,169	131	1	1	63	93	67
Wilmette.....	28,268	523			148	230	375
Winnetka.....	13,368	294			91	130	203
Wood River.....	11,694	217			81	112	136
Woodstock.....	8,897	106	1	1	26	42	79
Worth.....	8,196	84	1	3	34	53	49
Zion.....	11,941	165			68	112	97

XII. MACHINERY

1. GENERAL.—The Bureau of Machinery is one of the bureaus within the Division of Highways and consequently it is under the administration of the Chief Highway Engineer. The executive officer of the Bureau of Machinery is the Superintendent of Transportation who provides the centralized control and general supervision of the operation of the State highway garages.

These garages are located at the following cities:

Elgin	Champaign
Dixon	Springfield (Central Garage)
Ottawa	Effingham
Watseka	East St. Louis
Peoria	Carbondale
Monmouth	North Chicago, 4051 Harlem Avenue
Paris	South Chicago, 159th and Crawford Avenue

Since the purpose of the garages is to service State-owned vehicles and since they are readily available in all parts of the State, a policy has been issued by the Governor to the effect that repairs and service of State vehicles should be obtained at these garages except in cases of emergency.

2. RESPONSIBILITY.—The responsibility of the Bureau of Machinery is to develop general policies for operation of the State highway garages; to make requisitions for automotive vehicles and equipment; to prepare requisitions and specifications for equipment, repairs, and supplies needed for servicing State-owned vehicles; to analyze bids for repairs, supplies, and motor vehicles and prepare letters of recommendation to the Department of Finance for the Chief Highway Engineer; to review invoices for work on State vehicles made outside the State garages; to develop and maintain accounting records for administering the State Garage Revolving Fund; to maintain operating cost of each motor vehicle operated under the executive branch of the State Government; to make periodic reviews of garage operation to see that the State garages are operated in accordance with the policies of the Bureau; and to process the purchases of motor vehicles for all agencies under the Governor.

The direct responsibility for the operation of the Central Garage in Springfield is vested in the Bureau of Machinery and correspondence concerning its operations is processed through the Superintendent of Transportation while correspondence concerning the other garages is directed through the respective district engineer who is responsible for the direct operation and maintenance of State garages in his district.

MACHINERY

3. STATE GARAGE REVOLVING FUND.—In 1941 the State enacted legislation to establish the State Garage Revolving Fund in the State Treasury. The purpose of its establishment was to eliminate the use of highway funds for servicing vehicles belonging to other State agencies; to establish better administrative control in State garage operation; and to operate the State garages on an efficient and self-sustaining basis.

As directed by State legislation all costs of operating the State garages are paid from the State Garage Revolving Fund and controlled by appropriations by the General Assembly from this fund.

A depreciation charge on machinery and equipment is recorded monthly to present the financial position of the fund and the operating costs of the garages in a true light.

The balance sheet, Table 52, gives the status of the State Garage Revolving Fund at the end of each of the years 1962 and 1963.

TABLE 52.—BALANCE SHEET STATE GARAGE REVOLVING FUND.

Items	At December 31	
	1962	1963
ASSETS		
Current Assets:		
Cash.....	\$ 318,959.78	\$ 193,389.21
Accounts receivable.....	500,291.34	583,803.35
Inventories.....	459,160.82	584,035.94
Fixed Assets:		
Garage machinery and equipment (Cost).....	318,109.24	329,040.88
Office equipment (Cost).....	40,751.63	46,956.38
Passenger cars and trucks (Cost).....	96,593.49	99,484.86
Less: Reserve for depreciation.....	267,383.22	293,058.88
Total assets.....	\$1,466,483.08	\$1,543,651.74
LIABILITIES		
Current Liabilities:		
Accounts payable.....	\$ 127,013.62	\$ 172,902.35
Accrued payrolls.....	40,138.82	46,815.99
Total liabilities.....	\$ 167,152.44	\$ 219,718.34
SURPLUS		
Earned surplus.....	1,299,330.64	1,323,933.40
Total liabilities and surplus.....	\$1,466,483.08	\$1,543,651.74

4. STATE VEHICLES SERVICED.—A total of 6,255 State-owned vehicles was on hand at December 31, 1963. Included in this total were 660 passenger cars and 2,208 trucks operated by the Division of Highways.

The Bureau of Machinery keeps equipment records on all State-owned vehicles and prepares semiannual operating costs for review of respective agencies in which ownership is vested. Table 53 shows detailed operating costs for Division of Highways vehicles.

5. **SERVICES, INVENTORIES, EQUIPMENT, AND STATISTICS.**—The employment of experienced and qualified personnel in the 14 State garages, the prompt service and repair, and periodic inspection insure that State vehicles are kept in the best operating condition at all times.

(a) *Services.*—The service provided for State vehicles includes servicing with gasoline, oil, and antifreeze; washing and polishing; installing and charging batteries; lubrication; motor tune-ups; brake adjustment and relining; tire and tube repair and installation; wheel balancing, painting, body repairs, and fender work; safety inspection; inspecting new vehicles; motor overhauling; and installation of new motors.

(b) *Inventories.*—A complete inventory of all parts, accessories, and supplies is maintained in each garage. The record is kept by means of a card system which facilitates determining the number of parts in stock at any time; keeping an adequate supply of fast moving items; and furnishing a simple method for making the inventory.

An inventory is taken at each garage once a year on a rotating, unscheduled basis by the Chief Accountant and other representatives of the Bureau of Machinery. The foreman of each garage is responsible for whatever other inventories he deems necessary in the operation of his garage.

Each garage is required to forward monthly physical inventories on tires, tubes, batteries, gasoline, oil, and antifreeze. These reports furnish the Bureau with a guide for purchasing the items needed. In addition, they supplement the monthly garage report with indication of overage or shrinkage occurring during the month.

(c) *Equipment.*—State-owned automotive equipment is kept in the best operating condition possible by careful servicing, repairing, and inspection. Passenger cars are inspected in January and July while trucks are inspected in April and October each year.

Whenever necessary new garage equipment is purchased to service new model cars or to replace obsolete or worn out items.

(d) *Statistics.*—The 14 State garages forwarded to the Bureau of Machinery 5,810 requisitions for parts, equipment, and supplies during 1963. These requisitions necessitated the issuance by the Bureau of 4,656 orders to 522 vendors for delivery of the items needed. Approximately 61,000 job invoices and 89,200 gasoline, oil, and antifreeze tickets were also issued. The total volume of sales by the State Garage Revolving Fund in 1963 was \$2,474,560.90. The profit after depreciation was \$23,825.81 for the year's operation.

MACHINERY

TABLE 53.—OPERATING COSTS FOR VEHICLES OF THE DIVISION OF HIGHWAYS, 1963.¹

PASSENGER CARS		
Item	Amount	Per Cent of Total Cost
Gasoline.....	\$194,255.50	26.780
Oil.....	10,821.09	1.492
Washing and lubrication.....	9,667.19	1.333
Repairs—labor.....	70,477.38	9.716
Repairs—parts.....	57,444.54	7.919
Tires.....	22,873.20	3.153
Tubes.....	214.29	0.030
Batteries and miscellaneous.....	4,944.57	0.682
Antifreeze.....	1,500.01	0.207
Storage.....	2,170.40	0.299
Depreciation.....	350,999.97	48.389
Total.....	\$725,368.14	100.000

TRUCKS		
Item	Amount	Per Cent of Total Cost
Gasoline.....	\$1,116,699.97	29.942
Oil.....	71,243.68	1.910
Washing and lubrication.....	55,908.07	1.499
Repairs—labor.....	498,113.16	13.356
Repairs—parts.....	550,872.77	14.771
Tires.....	108,130.00	2.899
Tubes.....	6,203.51	0.166
Batteries and miscellaneous.....	27,272.87	0.731
Antifreeze.....	4,006.34	0.107
Storage.....	58,250.50	1.562
Depreciation.....	1,232,819.93	33.057
Total.....	\$3,729,520.80	100.000

¹ There were 660 passenger cars and 2,208 trucks in operation by the Division of Highways at December 31, 1963.

XIII. LOCAL ROADS AND STREETS

1. GENERAL.—The principal function of the Bureau of Local Roads and Streets is to supervise highway and street activities of the counties, municipalities, and road districts¹ which involve the use of motor fuel tax funds. Additional duties which have been delegated to this Bureau since 1951 are the supervision and planning of county roads to be improved with Federal-aid secondary funds.

A counterpart of the Bureau is maintained in each of the ten highway districts. The work from the district level concerns the designation of highway and street systems; the location, survey, design, and construction of highway and street improvements; and the maintenance of highways so improved. Contacts with local officials are largely through the district offices. All resolutions, plans, requests, and other documents are first submitted to the district office where they are checked before submittal to the central office for approval. Uniformity of action and correlation of the work of the Bureau and the district offices are accomplished by field engineers from the central office.

2. RECONCILIATION OF FINANCIAL DATA.—A reconciliation is necessary when comparing allotments and balances shown in this section with those given in the section on financing. Motor fuel tax which is deposited and accumulates in the State Treasury during the month is allotted during the early part of the following month. The Department of Finance considers the allotments applicable to the month of deposit yet the money is not available for use until the following month. Consequently, the December allotment of the Department of Finance is not available for withdrawal by local units until January and for this reason is considered a January allotment by this Bureau. The following statement is a reconciliation of allotments between this section and the data contained in Section III, Financing.

¹ The reference to road districts in this section includes township, township districts, and county unit road districts.

LOCAL ROADS AND STREETS

DOWNSTATE COUNTY ALLOTMENTS

County allotment shown in Section I, Table 4 and Section III, Figure 4.....	\$18,572,661.12
Less December 1963 allotment	1,645,431.47
	<u>\$16,927,229.65</u>
Add December 1962 allotment.....	1,504,958.69
County allotment shown in Section XIII, Table 57.....	\$18,432,188.34

COOK COUNTY ALLOTMENTS

Cook County allotment shown in Section I, Table 4 and Section III, Figure 4....	\$17,024,939.36
Less December 1963 allotment.....	1,508,312.18
	<u>\$15,516,627.18</u>
Add December 1962 allotment	1,379,545.47
Cook County allotment shown in Section XIII, Table 57.....	\$16,896,172.65

MUNICIPAL ALLOTMENTS

Municipal allotment shown in Section I, Table 5 and Section III, Figure 4.....	\$49,527,096.26
Less December 1963 allotment.....	4,387,817.23
	<u>\$45,139,279.03</u>
Add December 1962 allotment.....	4,013,223.17
Municipal allotment shown in Section XIII, Table 62.....	\$49,152,502.20

ROAD DISTRICT ALLOTMENTS

Road District allotment shown in Section I, Table 6 and Section III, Figure 4....	\$15,477,217.59
Less December 1963 allotment.....	1,371,192.89
	<u>\$14,106,024.70</u>
Add December 1962 allotment.....	1,254,132.24
Road District allotment shown in Section XIII, Table 66.....	\$15,360,156.94

The closing balances in the motor fuel tax accounts shown in this section will be equal to those shown in Section III, Financing, if the December 1963 allotments as shown by the Department of Finance are added to the balances given in this Section. A reconciliation of balances is shown below:

Item	Down-State Counties	Cook County	Municipalities	Road Districts
Balances at December 31, 1963—Section XIII, Tables 57, 62, and 66.....	\$10,917,274.68	\$22,615,409.98	\$39,410,028.02	\$16,149,630.14
Add December 1963 allotment	1,645,431.47	1,508,312.18	4,387,817.23	1,371,192.89
Total balance Dec. 31, 1963 shown in Section I, Tables 4, 5, and 6 and Section III, Table 13.....	\$12,562,706.15	\$24,123,722.16	\$43,797,845.25	\$17,520,823.03
Less Temporary transfer to State General Revenue Fund.....	5,000,000.00		9,500,000.00	2,500,000.00
Balance Available, Section III, Table 13.....	\$31,686,428.31		\$34,297,845.25	\$15,020,823.03

3. TABLES.—The tables which follow show State revenue available to the counties, municipalities, and townships or road districts; the amounts withdrawn by each unit of government for highway purposes; and the amount of work accomplished with State aids during 1963. Much of this data is summarized in the first chapter of this report.

LOCAL ROADS AND STREETS

TABLE 54.—COUNTY HIGHWAY MILEAGES—DECEMBER 31, 1963

County	Class Number	Total Rural Road Mileage	Permissible County Highway Mileage	Designated Rural County Highway Mileage
Adams.....	2	1,550.50	387.62	378.29
Alexander.....	1	368.82	92.20	69.81
Bond.....	1	711.72	177.93	116.94
Boone.....	1	523.22	130.80	86.92
Brown.....	1	500.40	125.10	76.07
Bureau.....	2	1,527.34	381.83	314.90
Calhoun.....	1	336.60	84.15	57.62
Carroll.....	1	755.17	188.79	118.30
Cass.....	1	533.01	133.25	87.59
Champaign.....	2	1,970.74	492.69	82.03
Christian.....	2	1,422.05	355.51	139.15
Clark.....	1	999.63	249.91	157.27
Clay.....	1	926.02	231.50	136.60
Clinton.....	1	811.47	202.87	107.89
Coles.....	2	1,019.45	254.86	121.54
Cook.....	3	1,510.34	1,132.76	426.21
Crawford.....	1	860.12	215.03	153.04
Cumberland.....	1	723.35	180.84	105.27
DeKalb.....	2	1,095.18	273.80	152.60
DeWitt.....	1	760.65	190.16	91.21
Douglas.....	1	815.73	203.93	82.28
DuPage.....	2	994.39	248.60	208.17
Edgar.....	1	1,151.13	287.78	142.73
Edwards.....	1	411.98	103.00	60.98
Effingham.....	1	986.63	246.66	144.97
Fayette.....	2	1,392.68	348.17	168.17
Ford.....	1	955.61	238.90	107.49
Franklin.....	2	877.66	219.42	154.31
Fulton.....	2	1,387.28	346.82	236.70
Gallatin.....	1	468.28	117.07	104.33
Greene.....	1	845.92	211.48	152.57
Grundy.....	1	755.95	188.99	131.01
Hamilton.....	1	893.91	223.48	136.84
Hancock.....	1	1,427.08	356.77	192.43
Hardin.....	1	260.17	65.04	42.72
Henderson.....	1	601.08	150.27	81.39
Henry.....	2	1,491.12	372.78	160.50
Iroquois.....	2	2,203.23	550.81	336.05
Jackson.....	2	951.12	237.78	163.28
Jasper.....	1	1,002.03	250.51	183.58
Jefferson.....	2	1,232.60	308.15	255.94
Jersey.....	1	587.73	146.93	109.98
JoDavieess.....	1	868.63	217.16	167.38
Johnson.....	1	466.05	116.51	67.96
Kane.....	2	1,007.35	1,335.19	301.10
Kankakee.....	2	1,301.91	325.48	226.25
Kendall.....	1	578.24	144.56	113.31
Knox.....	2	1,255.19	313.80	256.14
Lake.....	2	1,078.60	269.65	197.69
LaSalle.....	2	2,161.69	540.42	359.70
Lawrence.....	1	720.78	180.20	127.50
Lee.....	2	1,269.89	317.47	198.91
Livingston.....	2	2,088.77	522.19	252.10
Logan.....	2	1,086.34	271.59	182.71
McDonough.....	2	1,117.01	279.25	190.91
McHenry.....	2	1,297.45	324.36	180.61
McLean.....	2	2,179.52	544.88	417.94
Macon.....	2	1,199.15	299.79	234.23
Macoupin.....	2	1,468.74	367.18	209.52
Madison.....	2	1,446.90	361.73	185.99
Marion.....	2	1,170.41	292.60	231.95
Marshall.....	1	653.32	163.33	109.36
Mason.....	1	868.87	217.22	138.59
Massac.....	1	417.29	104.32	71.07
Menard.....	1	533.15	133.29	84.34
Mercer.....	1	949.05	237.26	148.70
Monroe.....	1	562.88	140.72	75.12
Montgomery.....	2	1,321.45	330.36	185.17
Morgan.....	2	1,003.31	250.83	165.33
Moultrie.....	1	667.77	166.94	55.27
Ogle.....	2	1,351.78	337.95	270.05
Peoria.....	2	1,238.28	2,374.58	314.73
Perry.....	1	722.90	180.72	133.99
Piatt.....	1	826.39	206.60	71.94
Pike.....	1	1,321.46	330.36	156.02
Pope.....	1	454.86	113.72	47.90
Pulaski.....	1	327.08	81.77	45.43

LOCAL ROADS AND STREETS

TABLE 54.—Concluded.

County	Class Number	Total Rural Road Mileage	Permissible County Highway Mileage	Designated Rural County Highway Mileage
Putnam.....	1	280.72	70.18	38.62
Randolph.....	2	910.39	227.60	165.19
Richland.....	1	775.60	193.90	137.75
Rock Island.....	2	742.43	¹ 247.04	173.14
St. Clair.....	2	1,222.09	305.52	214.62
Saline.....	2	764.40	191.10	138.25
Sangamon.....	2	1,636.30	409.08	251.99
Schuyler.....	1	749.72	187.43	104.05
Scott.....	1	400.49	100.12	65.10
Shelby.....	1	1,531.97	382.99	235.65
Stark.....	1	532.83	133.21	105.24
Stephenson.....	2	1,100.25	275.06	211.05
Tazewell.....	2	1,186.84	296.71	178.27
Union.....	1	638.93	159.73	110.26
Vermilion.....	2	1,673.17	418.29	41.45
Wabash.....	1	397.74	99.44	75.81
Warren.....	1	1,027.69	256.92	173.23
Washington.....	1	907.06	226.76	126.68
Wayne.....	1	1,398.28	349.57	225.23
White.....	1	1,020.38	255.10	167.91
Whiteside.....	2	1,201.68	300.42	217.60
Will.....	2	1,752.62	438.16	279.29
Williamson.....	2	840.75	210.19	118.52
Winnebago.....	2	1,110.58	³ 447.15	310.93
Woodford.....	1	954.45	238.61	147.42
Total.....		102,338.91	26,719.20	⁴ 16,523.83

Note: The total rural road mileage on this table does not include mileage of toll facilities.

¹ Includes 3 additions of 10 percent each as authorized by law.

² Includes 2 additions of 10 percent each as authorized by law.

³ Includes 5 additions of 10 percent each as authorized by law.

⁴ Contains 16,311.79 miles of existing county highways. The remaining mileage is designated only and not coincident with any existing road.

TABLE 33.—STATUS OF FEDERAL-AID SECONDARY ALLOTMENTS AUTHORIZED BY THE FEDERAL-AID HIGHWAY ACTS OF 1956, 1958, 1960 AND 1962, DECEMBER 31, 1963.¹

County	1956 Act				1958 Act				1960 Act				1962 Act			
	Allotment	Not Programed	Under Contract but not Completed ²	Construction Completed and Accepted	Allotment	Not Programed	Under Contract but not Completed ²	Construction Completed and Accepted	Allotment	Not Programed	Under Contract but not Completed ²	Construction Completed and Accepted	Allotment	Not Programed	Under Contract but not Completed ²	Construction Completed and Accepted
Adams	\$ 181,752.00			\$ 181,752.00	\$ 186,981.00		\$ 107,923.29	\$ 79,057.71	\$ 190,105.00	\$ 54,128.29	\$ 135,976.71		\$ 197,687.00	\$ 197,687.00	\$ 43,438.95	\$ 17,556.05
Alexander	59,175.00			59,175.00	60,877.00		36,848.05	59,213.00	59,213.00		59,213.00		60,995.00			
Bond	95,807.00			95,807.00	98,563.00		80,318.29	18,244.71	98,707.00	87,925.29	10,781.71		101,933.00			
Bone	69,038.00			69,038.00	71,023.00			71,023.00	74,575.00	40,788.36		\$ 33,786.64	77,222.00			
Brown	194,432.00			194,432.00	200,026.00		12,234.27	58,788.73	70,908.00	35,127.27	35,780.73		73,371.00			
Bureau	59,175.00			59,175.00	60,877.00	\$ 24,695.60	36,181.40	59,213.00	59,213.00		59,213.00		61,777.00			
Carroll	102,852.00			102,852.00	105,810.00			105,810.00	141,992.00			116,992.00	118,921.00			
Cass	77,491.00			77,491.00	80,422.00		75,458.47	64,580.47	64,580.47	15,841.53		9,518.98	83,399.00			
Champaign	232,474.00			232,474.00	238,435.00			238,435.00	238,435.00	164,800.00		15,841.53	242,476.00			
Clark	121,169.00			121,169.00	126,103.00			126,103.00	126,103.00	85,504.14		82,647.86	174,521.00			
Clay	108,487.00			108,487.00	111,608.00	73,529.57	3,000.00	126,103.00	126,103.00	108,194.00			129,733.00			
Clinton	122,577.00			122,577.00	126,103.00			126,103.00	126,103.00	108,194.00			129,733.00			
Coles	116,942.00			116,942.00	120,305.00		2,965.73	117,339.27	120,305.00	6,497.73			129,733.00			
Cook	533,274.00			533,274.00	545,723.00		90,918.98	545,723.00	545,723.00				129,733.00			
Crawford	107,079.00			107,079.00	110,159.00			110,159.00	110,159.00				129,733.00			
Cumberland	87,353.00			87,353.00	89,867.00			89,867.00	89,867.00				129,733.00			
DeKalb	145,119.00			145,119.00	149,294.00			149,294.00	155,740.00				129,733.00			
DeWitt	94,399.00			94,399.00	95,665.00			95,665.00	94,321.00				129,733.00			
Douglas	107,079.00			107,079.00	110,159.00			110,159.00	114,812.00				129,733.00			
DuPage	190,919.00			190,919.00	197,127.00			197,127.00	228,239.00	50,000.00	157,304.00		129,733.00			
Edgar	132,440.00			132,440.00	136,249.00			136,249.00	136,249.00				129,733.00			
Edwards	61,993.00			61,993.00	63,777.00			63,777.00	62,880.00				129,733.00			
Effingham	114,124.00			114,124.00	117,406.00		59,038.05	58,367.95	117,709.00	19,447.05	98,261.95		129,733.00			
Fayette	156,392.00			156,392.00	160,890.00		1,112.17	159,777.83	157,175.00		115,753.30		129,733.00			
Franklin	132,440.00			132,440.00	136,249.00		93,516.15	129,733.00	129,733.00	100,256.38			129,733.00			
Fulton	188,797.00			188,797.00	194,227.00			194,227.00	190,105.00		70,644.54		129,733.00			
Gallatin	74,673.00			74,673.00	76,821.00			76,821.00	73,831.00		71,593.02		129,733.00			
Greene	97,217.00			97,217.00	100,013.00			100,013.00	122,838.00		114,591.99		129,733.00			
Grundy	156,158.19			156,158.19	160,890.00			160,890.00	160,890.00		114,591.99		129,733.00			
Hamilton	174,708.00			174,708.00	179,738.00			179,738.00	179,738.00		114,591.99		129,733.00			
Hancock	50,721.00			50,721.00	52,181.00		25,126.89	27,054.11	49,726.00		43,278.19		129,733.00			
Hardin	81,718.00			81,718.00	84,068.00			84,068.00	84,068.00		43,278.19		129,733.00			
Henderson	185,979.00			185,979.00	191,329.00			191,329.00	188,643.00		174,039.00		129,733.00			
Henry	244,442.00			244,442.00	250,756.00		26,442.49	250,756.00	250,756.00		174,039.00		129,733.00			
Ingham	128,213.00			128,213.00	133,333.00			133,333.00	133,333.00		174,039.00		129,733.00			
Jackson	103,759.77			103,759.77	115,956.00		115,956.00	115,956.00	115,956.00		174,039.00		129,733.00			
Jasper	112,715.00			112,715.00	116,395.00		112,907.72	116,395.00	116,395.00		174,039.00		129,733.00			
Jefferson	122,303.00			122,303.00	126,395.00		84,068.00	126,395.00	126,395.00		174,039.00		129,733.00			
Jerry	81,718.00			81,718.00	84,068.00			84,068.00	84,068.00		174,039.00		129,733.00			
JoDavies	131,031.00			131,031.00	134,800.00			134,800.00	134,800.00		174,039.00		129,733.00			
Johnson	74,673.00			74,673.00	76,821.00			76,821.00	76,821.00		174,039.00		129,733.00			
Kane	159,210.00			159,210.00	163,789.00		7,134.00	163,789.00	163,789.00		174,039.00		129,733.00			
Kankakee	187,389.00			187,389.00	192,778.00			192,778.00	192,778.00		174,039.00		129,733.00			
Kendall	80,310.00			80,310.00	82,619.00			82,619.00	82,619.00		174,039.00		129,733.00			
Knox	159,210.00			159,210.00	163,789.00			163,789.00	163,789.00		174,039.00		129,733.00			
Lake	247,972.00			247,972.00	255,105.00			255,105.00	255,105.00		174,039.00		129,733.00			
LaSalle	257,835.00			257,835.00	265,251.00			265,251.00	265,251.00		174,039.00		129,733.00			
Lawrence	95,807.00			95,807.00	98,563.00		4,545.37	98,563.00	98,563.00		174,039.00		129,733.00			
Livingston	162,028.00			162,028.00	166,688.00			166,688.00	166,688.00		174,039.00		129,733.00			
Logan	226,838.00			226,838.00	233,363.00			233,363.00	233,363.00		174,039.00		129,733.00			
McDonough	132,440.00			132,440.00	136,249.00			136,249.00	136,249.00		174,039.00		129,733.00			
McHenry	132,440.00			132,440.00	136,249.00			136,249.00	136,249.00		174,039.00		129,733.00			
McLean	246,563.00			246,563.00	253,656.00		145,346.45	253,656.00	253,656.00		174,039.00		129,733.00			
Macon	160,618.00			160,618.00	165,239.00			165,239.00	165,239.00		174,039.00		129,733.00			
Macoupin	204,296.00			204,296.00	210,896.00		144,477.31	210,896.00	210,896.00		174,039.00		129,733.00			
Madison	238,822.00			238,822.00	246,822.00		144,477.31	246,822.00	246,822.00		174,039.00		129,733.00			
Marion	142,303.00			142,303.00	146,395.00		126,138.80	146,395.00	146,395.00		174,039.00		129,733.00			
Marshall	92,990.00			92,990.00	95,665.00			95,665.00	95,665.00		174,039.00		129,733.00			
Mason	115,532.00			115,532.00	118,836.00			118,836.00	118,836.00		174,039.00		129,733.00			
Massac	61,993.00			61,993.00	63,777.00			63,777.00	63,777.00		174,039.00		129,733.00			
Menard	74,673.00			74,673.00	76,821.00			76,821.00	76,821.00		174,039.00		129,733.00			
Merced	123,986.00			123,986.00	127,552.00			127,552.00	127,552.00		174,039.00		129,733.00			
Monroe	87,353.00			87,353.00	89,867.00	30,131.44	59,735.56	89,867.00	89,867.00	94,321.00	94,321.00		129,733.00			
Montgomery	163,437.00			163,437.00	168,137.00			168,137.00	168,137.00		174,039.00		129,733.00			
Morgan	123,274.00			123,274.00	126,103.00		18,434.45	126,103.00	126,103.00		174,039.00		129,733.00			
Moultrie	90,172.00			90,172.00	92,765.00			92,765.00	92,765.00		174,039.00		129,733.00			
Ogle	205,704.00			205,704.00	211,624.00			211,624.00	211,624.00		174,039.00		129,733.00			
Perry	101,444.00			101,444.00	104,361.00		84,309.44	104,361.00	104,361.00		174,039.00		129,733.00			
Piatt	104,261.00			104,261.00	107,250.00			107,250.00	107,250.00		174,039.00		129,733.00			
Pike	169,072.00			169,072.00	173,211.00			173,211.00	173,211.00		174,039.00		129,733.00			
Pope	71,856.00			71,856.00	73,923.00			73,923.00	73,923.00		174,039.00		129,733.00			
Pulaski	64,811.00			64,811.00	66,675.00			66,675.00	66,675.00		174,039.00		129,733.00			
Putnam	46,494.00			46,494.00	47,832.00	4,750.32	11,200.00	47,832.00	47,832.00		174,039.00		129,733.00			
Randolph	140,893.00			140,893.00	144,940.00			144,940.00	144,940.00		174,039.00		129,733.00			
Richland	87,353.00			87,353.00	89,867.00			89,867.00	89,867.00		174,039.00		129,733.00			
Rock Island	132,440.00			132,440.00	136,249.00			136,249.00	136,249.00		174,039.00		129,733.00			

LOCAL ROADS AND STREETS

TABLE 56.—FEDERAL-AID SECONDARY CONTRACTS AWARDED DURING 1963.

County	FAS Route No.	Section	Location	Length in Miles	Type	Width in Feet	Contract Cost
Adams	432	64G	9 mi. south of Clayton, northerly	2.833	Ty. A surf., grad., & bridge	22	\$215,214.13
Brown	1584	30G	3 mi. west of Versailles, westerly	3.025	Ty. B surf. & grad.	18	177,157.96
Bureau	249	4-5Q	7½ mi. south of Tiskilwa	2.487	A-3 bit. surf. treat., grad. & ty. B base	22	99,123.88
Bureau	1257	6-2Q	2¼ mi. east of Buda, east	2.005	A-3 bit. surf. treat., grad., ty. B base & culv.	22	108,253.70
Bureau	1250	12Q	Manlius, easterly	2.072	A-3 bit. surf. treat., grad. & ty. B base	22	103,940.15
Carroll	1068	20-1Q	Ill. 78, 1 mi. northwest of Mt. Carroll, north- westerly	4.265	B-5 bit. conc., grad. & ty. B base	20	185,097.29
Clark	694	208Q	Ill. 49, 6 mi. south of Casey, east	3.145	B-3 bit. surf., grad., SC base & culv.	20	265,790.88
Clinton	788	30Q	Ill. 161 in Hoffman, northerly	0.376	I-11 bit. conc., grad., ty. A base, relocate FL & crossing renewal of Southern Ry.	37	112,070.85
Cook	116	110-1415	5 mi. east of Palatine, east	1.306	PCC pavt., grad. & 4 underpasses	2@24	1,741,050.87
Crawford	697	42-1Q	1 mi. west of Flat Rock, west	1.523	B-3 bit. surf., grad. & ty. B base	20	119,011.43
Crawford	697	42-2Q	1½ mi. west of Ill. 1 at Flat Rock, southwest	1.180	B-3 bit. surf., grad., ty. B base & culv.	20	196,675.21
Cumberland	703	34B	4¼ mi. south of Toledo, south	2.405	Ty. B surf., grad. & bridge	18	269,393.47
DeKalb	1117	57Q	DeKalb, easterly	2.078	B-5 bit. conc.	24 & 38	42,070.40
DeKalb	171	58G	South limits of Sandwich, east & south	1.245	Ty. B base & grad.	22	45,555.01
DeKalb	1122	61G	2 mi. northwest of Genoa, northwesterly	1.061	Ty. B base & grad.	22	37,897.88
DeWitt	546	12B	1½ mi. south of Kenney	0.380	A-3 bit. surf. treat., grad., ty. B base & culv.	22	25,551.65
DeWitt	1491	22Q	5 mi. east of Wapella, southerly	3.589	A-3 bit. surf. treat., grad. & SC base	20	152,618.36
DuPage	1147	168Q	3½ mi. west of Ill. 53 at Woodridge, west	1.963	I-11 bit. conc., grad. & CA base	24	179,264.40
Edgar	686	43B	1 mi. north of Dudley, northerly	0.246	Ty. B surf., grad. & bridge	18	32,512.43
Edgar	680	45Q	2.2 mi. southeast of Paris, southeasterly	1.894	I-11 bit. conc., grad. & SC base wid.	20	152,938.10
Effingham	708	23B, Q	Limestone Creek, 2½ mi. west of Mason	0.360	A-3 bit. surf. treat., grad., ty. B base & bridge	20	74,633.32
Fayette	716	35, 35B	US 40 at St. Elmo, south	0.502	PCC pavt., grad. & culv. extension	22	138,724.90
Fayette	715	37-1Q	US 40 in Brownstown, southerly	0.319	A-3 bit. surf. treat., grad. & Ty. B base	20	22,896.52
Fayette	1714	43Q	1¼ mi. north of Brownstown, north	2.626	A-3 bit. surf. treat., grad., SC base & bridge	22	217,965.81
Ford	335	23Q-1	3¼ mi. north & 1 mi. west of Paxton, west	2.997	B-5 bit. surf.	20	65,736.00
Ford	1352	38Q-1	1¼ mi. south & 2 mi. east of Paxton, east	3.234	A-3 bit. surf. treat.	20	16,779.86
Fulton	452	6Q	US 136, ¼ mi. east of Ipava, south	7.874	A-3 bit. surf. treat., grad. & ty. B base	20	258,857.85
Grundy	272	42G	2½ mi. east of Mazon, south & east	2.272	Ty. B surf., grad. & bridge	22	98,879.85
Grundy	289	42G	2 mi. west of Braceville, west	0.970	Ty. B surf. & grad.	22	33,748.80
Grundy	1272	46G	3 mi. west & 7½ mi. north of Morris, northerly	1.005	Ty. B surf., grad. & bridge	22	47,532.70
Hancock	433	45Q	Plymouth, westerly	3.830	A-3 bit. surf. treat.	22	32,609.70
Hancock	433	45-2Q	5 mi. west of Plymouth, west	4.046	A-3 bit. surf. treat.	22	21,771.00
Hardin	934	23G	Ill. 1, 9 mi. north of Cave-in-Rock, southwest- erly	1.799	Ty. B surf. & grad.	18	75,664.70
Henderson	413	34B	At northeast limits of Media	0.024	Bridge		46,036.20
Henderson	413	34Q	Ill. 116 in Media, easterly	2.135	A-3 bit. surf. treat., grad. & ty. B base	20	131,716.41
Henry	1227	48G	Ill. 78, ¼ mi. south of Hooppole, easterly	2.863	Ty. B surf. & grad.	22	119,724.30
Henry	233	50G	Ill. 82, ¼ mi. south of Cambridge, east	3.769	Ty. B surf. & grad.	22	128,029.52
Iroquois	321	47Q	6 mi. east of Clifton, east, south & east	2.037	A-3 bit. surf. treat.	20	11,896.52
Iroquois	323	116BR	Woodland, west	0.265	PCC pavt., grad. & bridge	20	266,594.94
Iroquois	1333	141G	4 mi. west of Milford, south	3.934	Ty. A surf. & grad.	22	112,596.20
Iroquois	1328	217G	2½ mi. west of Donovan, west, south & west	6.218	Ty. A surf. & grad.	22	126,699.94
Jackson	869	11Q	Elkville, easterly	4.953	A-3 bit. surf. treat., grad., ty. A & mac. base & culv.	20	327,772.82

LOCAL ROADS AND STREETS

Jasper	1701	40B	Over North Fork, 2½ mi. northeast of Ste. Marie	0.208	Ty. B surf., grad. & bridge	20	60,020.16
Jasper	1703	41Q	Ill. 33 in Wheeler, southerly	4.698	B-3 bit. surf., grad., ty. B base, bridge & crossing renewal & protection at ICRR	20 & 42	
Jersey	749	24G	Ill. 100 north through Otterville	4.330	Ty. A surf., grad. & bridge	20	308,088.76
Johnson	924	28G	Ill. 37 in Buncombe, northwesterly	2.636	Ty. B surf., grad. & 2 bridges	20	238,068.04
Kane	111	87RG	Mill Creek approaches, 3 mi. southwest of Geneva				246,620.66
Kane	1120	120Q	1½ mi. north of Hampshire, westerly	0.428	Ty. Special base & grad. base, special & grad.	24	22,707.90
Kane	1104	121Q	Ill. 47, 5 mi. north of Elburn, easterly	2.846	B-5 bit. conc.	20	37,603.50
Kankakee	1300	124Q	St. George, north	3.928	B-5 bit. conc.	20	70,709.00
Kankakee	1322	128Q	1 mi. east of Ill. 115 at Cabery, east	3.068	A-3 bit. surf. treat.	18	12,150.03
Kankakee	1300	146G	US 54, 2¼ mi. northeast of Manteno, easterly	3.007	A-3 bit. surf. treat.	18	11,911.56
Kendall	1258	28Q	Oswego, southeast	1.223	Ty. A surf. & grad.	20	21,980.73
Kendall	171	30Q	2 mi. north of Millington, north	6.782	A-3 bit. surf. treat. & base repairs	20	40,845.77
Knox	394	45RS	Ill. 167, 2½ mi. west of Victoria, northerly	2.415	A-3 bit. surf. treat. & base repairs	20	15,855.27
Knox	403	61-IRQ	4 mi. west of Oneida, west	5.378	Ty. B surf. & grad.	20	90,060.76
Knox	394	80G	US 150, 6 mi. east of Knoxville, north	3.542	B-5 bit. conc.	20	60,596.00
Lake	3	XW	Ill. 63 at Gurnee, northwesterly	1.693	Ty. B surf. & grad.	22	63,973.51
Lake	2010	105Q	Ill. 59, ¾ mi. north of Barrington, east	0.962	PCC pavt., grad. & traffic control signals	2@24	3387,600.87
Lake	1002	132Q	Ill. 173, 1½ mi. east of Antioch, north	3.244	B-5 bit. conc.	22	39,525.20
Lake	2006	139Q	Ill. 83 at Diamond Lake, south	1.681	B-5 bit. conc.	22	19,220.44
Lake	1003	150Q	Ill. 134, ½ mi. northwest of Round Lake, southerly	2.018	B-5 bit. conc.	22	23,543.80
LaSalle	256	1BDM	Over Illinois River at Utica	1.960	B-5 bit. conc.	22	21,910.03
LaSalle	256	1R	Utica, south	1.850	Removal of bridge	24 & var.	249,000.00
LaSalle	273	78Q	Ill. 170, 2¼ mi. northeast of Ransom, east	1.046	PCC pavt. & grad.		2653,705.05
LaSalle	254	86GRS	US 51, 2 mi. south of Tonica, easterly	4.509	A-3 bit. surf. treat.	20	4,711.07
LaSalle	254	86Q	US 51, 2 mi. south of Tonica, easterly	4.509	Ty. B surf.	22	33,809.76
LaSalle	1270	87Q	Ill. 23, 12 mi. north & 1 mi. east of Ottawa, east	5.469	A-3 bit. surf. treat.	20	28,308.52
LaSalle	1280	88Q	4 mi. south of Marseilles, south	2.005	A-3 bit. surf. treat.	20	24,645.02
LaSalle	174	90GRS	US 52, 7½ mi. east of Troy Grove, south	6.809	Ty. B surf.	22	8,700.64
LaSalle	174	90Q	US 52, 7½ mi. east of Troy Grove, south	6.809	A-3 bit. surf. treat.	22	52,136.42
LaSalle	260	92GRS	US 52 in Troy Grove, northerly	3.724	Ty. B surf.	20	38,531.65
LaSalle	240	92Q	US 52 in Troy Grove, northerly	3.724	A-3 bit. surf. treat.	22	26,290.44
LaSalle	1280	97G	1¼ mi. south of Marseilles, southerly	3.464	Ty. B surf. & grad.	20	20,709.86
LaSalle	265	98G	Leonore, easterly	3.870	Ty. B surf. & grad.	22	102,924.00
LaSalle	1365	103G	Ill. 23, 3 mi. north of Ottawa, westerly	3.870	Ty. B surf. & grad.	22	39,889.11
Lawrence	805	67B	6 mi. west of St. Francisville, west	1.992	Ty. B surf. & grad.	22	34,626.19
Lawrence	806	68Q	Alt. US 50 at Bridgeport, southerly along Judy Ave.	0.795	Ty. B surf., grad. & bridge	20	76,669.30
Lee	188	118Q	5 mi. north of Walnut, north	0.500	B-5 bit. conc., grad. & asphalt stab. base wid.	40	90,986.36
Lee	1180	119Q	5½ mi. south of Amboy, east	1.982	A-3 bit. surf. treat., grad., ty. B base & culv.	20	86,483.50
Livingston	353	80G	4½ mi. south of Pontiac, west	0.986	A-3 bit. surf. treat., grad. & ty. B base	20	39,620.34
Livingston	480	105Q-2	7½ mi. east & ¼ mi. south of Strawn, south & east	1.986	Ty. A surf.	21	27,305.00
Livingston	1345	106Q	1½ mi. northwest of Flanagan, westerly	1.986	A-3 bit. surf. treat.	20	8,403.62
Livingston	1347	161Q	Ill. 47, ½ mi. south of Strawn, westerly	3.031	A-3 bit. surf. treat.	20	11,433.10
Livingston	565	164G	Emington, south	1.524	A-3 bit. surf. treat.	20	6,220.15
Logan		54Q	2 mi. south of Middletown, south (See Menard 22Q)	5.275	Ty. A surf.	21	85,680.00
				4.542	A-3 bit. surf. treat., grad., ty. B base & bridge	20	158,996.66

LOCAL ROADS AND STREETS

TABLE 56.—Concluded.

County	FAS Route No.	Section	Location	Length in Miles	Type	Width in Feet	Contract Cost
McHenry	1233	56Q	Ill. 25, 5 mi. south of Harvard, east	4.243	B-5 bit. conc.	22	88,586.10
McHenry	29	58G	Hartland, 3 mi. northwest of Woodstock, east- erly	1.757	Ty. A surf., grad. & culv.	24	94,716.56
McLean	491	HQ	Arrowsmith, northerly	2.176	B-5 bit. conc., grad., & ty. B base wid.	20 & 22	99,267.12
McLean	488	IQ	Ill. 9, 13 mi. east of Bloomington, south	2.272	B-5 bit. conc., grad. & ty. B base wid.	20 & 22	81,124.65
McLean	481	57B	Middle Fork of Sugar Creek, 1 mi. east of Stan- ford	0.170	Graded earth & bridge	32	39,428.00
McLean	474	96Q	3 mi. north of LeRoy, west	2.166	A-3 bit. surf. treat.	20	9,326.96
McLean	1471	100B	6 mi. northeast of Hudson	0.514	Graded earth & bridge	32	30,126.30
McLean	1471	100G	1 mi. east of Kappa, east	2.649	Ty. B surf.	21 & 23	28,103.70
McLean	1486	106G	¾ mi. northeast of Heyworth, northerly	2.417	Ty. B surf.	21	26,000.40
McLean	1485	107Q	Ill. 9, 4 mi. west of Bloomington, south	3.017	A-3 bit. surf.	18	11,785.83
McLean	1474	109Q	3½ mi. east of Towanda, north	3.436	A-3 bit. surf.	18	11,925.80
McLean	487	110Q	6 mi. north of LeRoy, west	2.195	A-3 bit. surf.	18	8,365.59
McLean	1479	114G	6 mi. north of McLean, west	1.492	Ty. B surf.	19	14,300.06
McLean	350	115G	2½ mi. east of Lexington, north, east & north	2.044	Ty. B surf.	21	20,791.90
Macon	1539	37Q	1 mi. west of Decatur, south	1.658	B-2 bit. surf., grad., asphalt stab. base & bridge	24	612,923.18
Madison	735	81	Macoupin county line, south	1.966	PCC pavt., I-11 bit. conc., grad. & ty. A base	22	378,927.85
Marion	793	50Q	Ill. 37, easterly to Johnston St. in Kell	2.045	B-5 bit. conc., grad., SC base, relocate FL & cross- ing renewal at C & EI RR	22 & 38	234,690.24
Mason	1595	35G	Ill. 29, 3 mi. southwest of Mason City, west	6.610	Ty. B surf., grad. & bridge	18	198,321.16
Menard	573	20B	3¼, 4, 5¼ & 5½ mi. east of Ill. 29 at Greenview	0.036	4 bridges	---	94,945.15
Menard	573	20Q	2 mi. east of Greenview, easterly	5.434	A-3 bit. surf. treat., grad. & ty. A base	20	201,762.38
Menard	565	22Q	2 mi. south of Middletown, south (See Logan 54Q)	30.000	A-3 bit. surf. treat., grad., ty. B base & bridge	20	47,492.50
Mercer	1211	57G	Eliza, southeasterly	1.089	Ty. B surf. & grad.	20	65,884.60
Monroe	855	(13, 14, 461) Q	Ill. 156, ¼ mi. west of Waterloo, southerly	2.176	I-11 bit. conc., PCC pavt., grad. & ty. A base	22	123,621.65
Montgomery	721	14G	1½ miles west of Fillmore, northwesterly	6.362	Ty. A surf. & grad.	22	241,036.89
Montgomery	1743	23Q	Witt, westerly	7.407	A-3 bit. surf. treat. & ty. A base	18	87,033.06
Morgan	580	29Q	¾ mi. west of Arenzville, southwesterly	6.575	A-3 bit. surf. treat., grad. & ty. A base	22	362,767.59
Moultrie	642	18	2 mi. south of Allenville, east	3.015	PCC pavt. & grad.	22	387,849.56
Ogle	1043	44-1G	3 mi. south of Ill. 72 at Stillman Valley, south	3.999	Ty. B surf. special, grad. & culv.	22	88,877.59
Perry	864	2Q	11 mi. west of DuQuoin, west, south & west	2.832	A-3 bit. surf. treat., grad., ty. B & waterbound mac. base & bridge	20	309,001.91
Piatt	529	208Q	1¾ mi. east of Bement, east	3.726	A-3 bit. surf. treat., grad. & SC base	22	264,653.38
Pike	603	37Q	Nebo, westerly to Ill. 96	4.205	A-3 bit. surf. treat., grad. & ty. A base	22	297,809.88
Pope	1930	21Q	4 mi. south & 2½ mi. west of Goleonda, south- erly	3.035	A-3 bit. surf. treat., grad., SAC base, bridge & culv.	20	425,291.07
Pulaski	938	(19 & 24) Q	Ill. 37, ¾ mi. north of New Grand Chain, west- erly	5.002	A-3 bit. surf. treat., grad. & ty. A base	20	294,391.34
Putnam	1254	10Q	Ill. 71, ¾ mi. west of Mark, south & west	2.592	A-3 bit. surf. treat.	22	20,748.90
Randolph	860	22, 22B R, 22B-1	St. Marys, Missouri, northerly	0.517	PCC pavt., grad., ty. A base & 2 bridges	20	393,734.14
Richland	802	52Q	4½ mi. west of Calhoun, westerly	1.231	Ty. B surf., grad. & 2 bridges	18	143,684.65

LOCAL ROADS AND STREETS

Richland	802	54Q	Ill. 130, 4½ mi. south of Olney, easterly	1.995	B-3 bit. surf., grad. & SC base	22	87,940.26
St. Clair	1935	83BK	1 mi. west of Caseyville	0.294	PCC pavt., grad. & bridge	24	² 131,645.70
Sangamon	613	92Q	Berlin, westerly	3.803	A-3 bit. surf. treat., grad. & ty. B base	22	163,914.78
Stark	1372	3 FL	3 mi. south of Camp Grove		FL & new crossing at C & NW Ry.		11,575.00
Stephenson	57	54A	Ill. 75, 3 mi. west of Davis, south	6.851	Graded earth & culv. extension	32	149,173.90
Tazewell	367	18-1FL	2 mi. south of Washington		FL & crossing renewal at At & SF Ry.		12,308.62
Union	923	(39 & 41)Q	Wolf Lake, 9 mi. northwest of Jonesboro, easterly				
Union	2183	42G	2½ mi. north of Mt. Pleasant, northwest	3.786	A-3 bit. surf. treat., grad. & ty. A base	20	70,118.50
Vermilion	498	67Q	6 mi. south of Herman, south	2.438	Ty. B surf. & grad.	22	94,158.40
Warren	411	101Q	4 mi. southeast of Monmouth, east, southeast	2.027	I-11 bit. conc., grad. & PCC pavt.	22	318,583.55
Warren	407	101-1Q	Berwick, north	5.194	A-3 bit. surf. treat., grad. & ty. B base	20	205,485.07
White	815	30Q	5 mi. west of Grayville, westerly	1.849	A-3 bit. surf. treat., grad. & ty. B base	20	78,229.61
White	884	31Q	Carmi, northerly	0.980	A-3 bit. surf. treat., grad. & SC base	20	24,543.06
Whiteside	200	JQ	Ill. 72, 7 mi. east of Prophetstown, north	5.348	B-3 bit. surf. & SC base	20 & 22	164,384.84
Whiteside	198	LQ	Ill. 78, 5 mi. south of Morrison, west	1.048	A-3 bit. surf. treat., grad. & SC base	12	33,654.90
Will	1307	146Q	Ill. 59, 4½ mi. north of Plainfield, east	2.535	A-3 bit. surf. treat., grad. & SC base	10 & 19	60,662.07
Will	1308	146XQ	4 mi. northwest of Romeoville, westerly	1.947	B-5 bit. conc.	20	34,103.74
Will	1413	147Q	Ill. 7, 6 mi. east of Lockport, north	2.302	B-5 bit. conc.	20	37,703.11
Williamson	1900	42Q	5¾ mi. southeast of Carbondale, easterly	2.994	B-5 bit. conc.	22	72,413.70
Winnebago	1061	120	FAS 1060, ¼ mi. east of Rockford, east	3.922	A-3 bit. surf. treat., grad. & ty. A base	20	269,730.20
Winnebago	1044	121	1¼ mi. west of Cherry Valley, northeast	0.152	I-11 bit. conc., grad., PCC base, culv. & traffic signals	2@24	252,859.71
Woodford	359	6Q	Roanoke, east	0.667	PCC pavt., grad. & 2 culv.	2@24	441,113.15
Woodford	1364	8Q	3 mi. north of El Paso, north	1.924	A-3 bit. surf. treat.	20	10,350.26
Woodford	363	11Q	2¼ mi. west of Kappa, west	2.007	A-3 bit. surf. treat.	20	8,708.62
Woodford	1359	13G-1	2 mi. east & ¾ mi. south of Eureka, south	2.231	Ty. B surf. & grad.	22	62,491.38
Woodford	365	16G-3	3 mi. south of Washburn, west	0.939	Ty. B surf.	22	21,021.30
Woodford	366	18Q	Ill. 89, 4½ mi. northeast of Metamora, west	1.760	Ty. B surf.	22	38,037.55
				2.566	A-3 bit. surf. treat.	20	13,812.40
Total				389.168			\$18,649,064.68

¹ Construction in part or all by Day Labor.

² 100 per cent matching by State.

³ 100 per cent matching by County.

⁴ Includes \$750.00 as Force Account for maintaining detours.

⁵ The mileage is shown on Section 54 Q Logan County.

Abbreviations and terms used in above table:

Bit.—Bituminous	Grad.—Grading	Ty.—Type	Mi.—Miles	Mac.—Macadam	CA—Cement - Aggregate
Conc.—Concrete	SC—Soil Cement	Treat.—Treatment	Ry.—Railway	Stab.—Stabilized	SOA—Soil - Cement -
FL—Flashing lights	Surf.—Surface	Wid.—Widening	RR—Railroad	Culv.—Culvert	Aggregate

A-3, B-5, I-11, PCC, etc. refer to the Standard Specifications of the Division of Highways for various type surfaces.

TABLE 57.—MOTOR FUEL TAX FUNDS AVAILABLE AND DISBURSED TO COUNTIES DURING 1963.

County	Balance Available Jan. 1, 1963	Allotted During 1963	Total Available During 1963	Disbursed for						Total Disbursed During 1963	Balance on Hand Dec. 31, 1963	
				Con-struction	FAS Matching	Right-of-way	Engineering	Obligation Retirement	Mainte-nance			Mis-cellaneous
Adams	\$ 416,401.94	\$ 269,457.88	\$ 685,859.82	\$ 416.00	\$ 56,037.43	\$ 13,659.06	\$ 32,794.26		\$ 175,702.75		\$ 278,609.50	\$ 407,250.32
Alexander	15,316.44	44,985.85	60,302.29		7,000.00	4,971.11	1—4,288.57		19,558.72	8,500.00	35,741.26	24,561.03
Bond	21,124.90	64,922.25	86,047.15			1,059.00	8,289.03		44,972.63	6,500.00	60,820.66	25,226.40
Boone	28,261.31	81,591.11	109,852.42						29,998.59	10,500.00	74,848.59	35,003.88
Brown	2,746.41	30,041.97	32,788.38						32,788.38		32,788.38	
Bureau	75,745.29	175,295.27	251,040.56	16,576.88			6,999.71		110,000.00	1,931.56	135,508.15	115,532.41
Calhoun	7,734.92	23,633.67	31,368.59		3,296.79				17,894.68	4,300.00	25,491.47	5,877.12
Carroll	10,944.84	80,354.94	91,299.78				11,854.03		49,682.98		65,454.56	25,845.22
Cass	35,498.47	67,745.44	103,243.91						53,227.37	8,400.00	61,697.37	41,546.54
Champaign	497,580.17	396,233.21	893,813.38	100,496.17	87,846.91	5,041.08	23,865.77		3,231.25	11,000.00	231,481.18	662,332.20
Christian	103,574.32	162,709.16	266,283.48			2,293.00	30,000.00		81,316.06	16,891.28	130,500.34	135,783.14
Clark	59,812.24	73,847.52	133,659.76	151.82	35,535.67	500.00			46,000.00		82,187.49	51,472.27
Clay	100,567.28	82,029.34	182,596.62				1,819.79		63,455.95	5,000.00	70,275.74	112,320.88
Clinton	81,640.60	104,857.70	186,498.30	25.18	46,576.95		1—3,030.09		45,296.76	18,720.00	107,538.80	78,909.50
Coles	153,452.18	192,625.30	346,077.48	12,460.75	74,838.69	1,591.63	13,000.00		1,500.00	5,700.00	109,091.07	236,986.41
Cook	17,503,808.17	16,896,172.65	34,399,980.82	5,867,000.54	589,420.54	428,245.77	920,287.20	3,939,806.07		39,810.72	11,734,570.84	22,615,409.98
Crawford	33,856.48	95,275.73	129,132.21				16,000.00		35,000.00	10,000.00	63,006.20	66,126.01
Cumberland	10,786.78	37,306.49	48,093.27				12,037.55		14,526.40	8,708.22	38,271.74	9,821.53
DeKalb	83,448.61	213,381.03	296,829.64			2,999.57	2,683.45	119,500.00	54,920.00		187,103.45	109,726.19
DeWitt	23,380.41	74,488.10	97,868.51			778.50	14,177.04		40,882.39		69,757.93	28,110.58
Douglas	65,557.58	85,443.69	151,001.27						31,750.05	13,920.00	39,550.05	111,451.22
DuPage	639,341.93	899,136.59	1,538,478.52	678,211.61	47,694.39	19,107.89	17,898.97		350,000.00	27,553.48	1,140,466.34	398,012.18
Edgar	51,498.50	102,132.43	153,630.93			10,447.10	21,679.65		67,457.51	7,800.00	107,384.26	46,246.67
Edwards	75,566.32	43,245.09	118,811.41						12,056.60	3,196.08	15,252.68	103,558.73
Effingham	87,370.89	93,751.22	181,122.11		26,632.87	906.73	22,289.11		36,378.00	9,600.00	95,806.71	85,315.40
Fayette	50,367.57	91,198.39	141,565.96			3,814.78	27,748.37		72,541.48	4,873.80	108,978.43	32,587.53
Ford	20,255.68	88,032.30	108,287.98	447.73	48,404.36		7,900.00		11,613.62	12,356.39	80,722.10	27,565.88
Franklin	83,358.15	132,930.63	216,288.78		15,086.25		9,444.08		86,960.38		111,490.71	104,798.07
Fulton	99,957.88	186,672.55	286,630.43	1—2,097.15	24,508.76	963.34	57,097.15		25,792.17		106,264.27	180,366.16
Gallatin	11,935.99	31,076.28	43,012.27			18,883.50			15,000.00	2,400.00	36,283.50	6,728.77
Greene	36,624.03	75,904.52	112,528.55			7,407.33	12,000.00		48,000.00	12,000.00	79,407.33	33,121.22
Grundy	19,724.71	99,057.98	118,782.69	14,009.34	18,972.67	2,721.76	1,894.91		44,848.90	8,400.00	90,847.58	27,935.11
Hamilton	3,011.30	38,400.47	41,411.77	1—138.32			249.28		23,611.35	4,510.52	28,232.83	13,178.94
Hancock	31,317.93	114,757.27	146,075.20				7,400.65		54,400.00		61,800.65	84,274.55
Hardin	30,947.87	24,627.88	55,575.75			1,807.00	6,238.06		9,314.76	5,096.30	22,456.12	33,119.63
Henderson	29,881.05	38,025.95	67,907.00	1—1,903.50			1,181.95		35,000.00	3,750.00	38,028.45	29,878.55
Henry	65,630.61	213,163.21	278,793.82	10,650.60	11,719.49	18,164.90	8,006.17		89,997.71	12,000.00	150,538.87	128,254.95
Iroquois	54,917.08	165,401.34	220,318.42				6,739.65		159,134.91	5,500.00	171,374.56	48,943.86
Jackson	116,909.79	127,986.44	244,896.23			21,245.88			70,354.00	6,500.00	98,099.88	146,796.35
Jasper	4,777.78	52,530.89	57,308.67						42,500.00	5,500.00	48,000.00	9,308.67
Jefferson	41,425.61	138,142.04	179,567.65	1—334.13			1—1,354.23		81,688.36	24,000.00	104,000.00	75,567.65

LOCAL ROADS AND STREETS

Jersey	71,776.82	60,434.65	132,211.47	9,181.00	7,500.00	33,430.67	10,000.00	60,111.67	72,099.80
JoDavies	28,344.15	29,040.90	98,385.05			30,000.00	1,207.07	31,207.07	67,177.98
Johnson	13,212.60	70,082.45	42,295.05	300.82	5,809.30	10,571.47	8,690.70	30,372.20	11,922.76
Kane	158,535.12	701,598.18	860,133.30	14,924.92	12,381.51	364,308.93	46,402.23	680,107.53	180,025.77
Kankakee	280,632.86	341,379.07	622,051.93		40,386.35	150,090.00	12,000.00	468,367.54	153,694.39
Kendall	127,963.47	80,487.15	208,450.62		19,037.45	33,954.03		63,344.81	145,105.81
Knox	75,486.21	265,784.12	341,270.33		8,991.67	175,090.55	30,997.35	245,348.71	95,921.62
Lake	251,069.47	843,299.61	1,094,369.08		23,926.13	445,000.00	37,385.51	895,433.04	198,936.04
LaSalle		526,636.24	243,022.96	32,937.33	38,444.70	143,015.34	12,000.00	493,690.09	32,946.15
Lawrence	88,053.77	73,650.99	161,704.76	1,844.00	18,156.00	60,000.00	8,000.00	88,000.00	73,704.76
Lee	57,649.02	146,012.31	203,651.33		14,257.76	101,218.06		143,193.87	60,467.46
Livingston	226,877.26	190,640.50	417,517.76		4,089.74	77,276.45	13,210.00	242,652.76	174,865.00
Logan	13,024.39	129,034.90	142,059.29	7,320.85	4,360.89	47,000.00	20,500.00	88,727.99	53,331.30
Macon	480,617.15	421,567.84	902,184.99	131,276.05	49,127.25	167,020.00	17,715.47	377,471.12	524,713.87
Macoupin	308,504.33	169,939.16	478,443.49	4,778.00	17,222.00	148,386.57	7,046.10	177,432.67	301,010.82
Madison	641,374.96	725,530.94	1,366,905.90	52,241.89	81,650.00	36,212.50	17,783.58	772,313.25	594,592.65
Marion	32,856.85	168,652.73	201,509.58	7,857.75		131,000.00	7,500.00	177,920.38	23,589.20
Marshall	28,534.09	62,281.65	90,815.74	4,463.50	3,645.55	36,754.45		78,658.50	12,157.24
Mason	148,489.46	77,346.17	225,835.63	21,753.45	8,000.00	49,471.95		79,225.40	146,610.23
Massac	134,538.02	66,115.27	200,653.29	264.95	12,185.47	5,353.07	9,800.00	141,806.03	58,847.26
McDonough	38,058.25	121,886.10	159,944.35			134,379.20		134,379.20	25,565.15
McHenry	70,360.17	341,968.13	412,328.30	23,745.80	3,727.04	114,500.00	16,500.00	332,185.41	80,142.89
McLean	53,213.98	318,305.84	371,519.82		5,385.43	113,000.00	23,051.87	330,509.05	41,010.77
Menard	4,152.17	45,729.64	49,881.81	1—5.92	1—1,734.22	41,540.14	7,500.00	47,300.00	2,581.81
Mercer	23,369.71	70,136.41	93,506.12		4,500.00	51,300.00	2,885.34	58,685.34	34,820.78
Monroe	15,019.53	61,021.47	76,041.00			47,500.00	7,900.00	55,400.00	20,641.00
Montgomery	103,044.56	142,509.78	245,554.34			116,000.00		183,615.69	61,938.65
Morgan	1,739.37	145,905.50	147,644.87		10,530.00	104,507.72	12,142.91	140,516.81	7,123.06
Moultrie	57,341.96	56,380.68	113,722.64		22,500.00	16,678.44	7,000.00	30,366.94	83,355.70
Ogle	55,194.63	167,641.21	222,835.84		2,037.03	119,494.44	11,666.67	155,500.53	67,335.31
Peoria	165,982.17	704,449.88	870,432.05		5,294.44	79,618.65	9,000.00	575,854.05	294,578.00
Perry	28,936.96	77,722.82	106,059.78		27,345.79	57,193.68	4,848.20	76,779.24	29,880.54
Piatt	173,059.19	67,011.02	240,070.21		3,533.40	1,858.20	9,046.32	186,229.90	53,840.31
Pike	5,698.85	92,404.71	98,103.56		46,900.00	41,691.66	9,000.00	98,012.30	91.26
Pope	18,462.04	13,395.67	31,857.71		81.06	4,963.70	4,798.50	11,291.31	20,566.37
Pulaski	10,803.76	25,598.27	36,402.03		4,056.67	12,695.75	6,880.20	32,940.85	3,461.18
Putnam	25,519.45	24,328.34	49,847.79		9,300.00	11,000.00	2,986.82	31,188.12	18,659.67
Randolph	27,367.02	104,676.07	132,043.09			64,440.28	9,307.54	73,747.82	58,295.27
Richland	880.11	74,003.25	74,883.36		30,350.00	56,722.19	4,200.00	60,922.19	13,961.17
Rock Island	332,786.35	568,980.44	901,766.79			10,000.00	10,000.00	785,362.62	116,494.17
Saline	132,603.96	98,357.14	230,961.10		2,002.17	75,979.00	8,000.00	85,981.17	144,979.93
Sangamon	47,194.62	514,531.47	561,726.09		23,662.53	416,679.95	36,015.46	561,726.09	19,764.77
Schuyler	15,494.30	38,432.95	53,927.25			28,362.48	5,800.00	34,162.48	10,791.28
Scott	16,342.67	31,731.05	48,073.72		2,500.00	26,968.21	7,814.23	37,282.41	72,990.80
Shelby	48,526.97	100,486.57	149,013.54		1—5,051.07	79,623.26		76,022.74	17,909.29
Stark	9,979.11	42,221.63	52,200.74			39,000.00		34,291.45	786,155.52
St. Clair	725,925.64	786,199.95	1,512,128.60		33,931.17	339,351.65	16,000.00	725,973.08	
Stephenson	8,870.61	165,675.52	174,546.13		9,972.20	72,787.11	13,477.23	174,546.13	
Tazewell	153,281.75	413,670.54	566,952.29			45,276.64		305,572.40	261,379.89
Union	25,089.08	69,348.54	94,437.62			29,434.00	10,920.00	44,449.70	49,987.92
Vermilion	640,804.69	361,539.26	1,002,343.95		31,000.00		9,600.00	549,606.39	452,737.56
Wabash	32,769.85	60,418.35	93,188.20		1—1,189.13	14,371.33	6,500.00	53,882.20	39,303.00
Warren	26,960.32	90,117.92	117,078.24		11,168.10	71,277.81		83,519.91	33,558.33
Washington	91,571.05	59,618.72	151,189.77			44,610.45		44,610.45	106,579.32
Wayne	13,479.07	89,739.64	103,218.71			52,627.38		82,627.38	20,591.33

TABLE 57.—Concluded.

County	Balance Available Jan. 1, 1963	Allotted During 1963	Total Available During 1963	Disbursed for						Total Disbursed During 1963	Balance on Hand Dec. 31, 1963
				Con-struction	FAS Matching	Right-of-way	Engineering	Obligation Retirement	Mainte-nance	Mis-cellaneous	
White	187,716.13	94,711.72	282,427.85	58,754.34	724.57	7,477.30	20,962.18		73,520.73	8,101.60	112,887.13
Whiteside	151,412.10	239,332.43	390,744.53	906.36	58,398.05	1,120.00	13,027.67		76,214.15	9,600.00	231,478.30
Will	459,627.12	681,396.20	1,141,023.32	413,182.98	229,434.63	65,045.25	41,024.25		186,089.87	24,779.61	181,466.73
Williamson	209,317.26	165,311.21	374,628.47			4,931.00	8,289.32		103,637.90	17,052.05	240,718.20
Winnebago	136,162.13	727,161.82	863,323.95	145,988.53		57,185.60	35,101.57		413,224.93	28,383.39	183,439.93
Woodford	7,174.55	116,216.52	123,391.07	9,809.60			9,463.39		57,696.70	11,283.86	35,132.52
Total	\$28,404,946.22	\$35,328,360.99	\$63,733,307.21	\$11,675,037.01	\$ 2,239,785.44	\$ 1,167,655.79	\$ 2,089,248.73	\$ 4,093,656.07	\$ 7,970,241.35	\$ 964,998.15	\$33,532,684.66

¹ Transferred from funds certified prior to 1963.

² Included are county superintendent of highways salary and expense, and the counties' contribution to the Illinois Municipal Retirement Fund or Social Security.

TABLE 58.—COUNTY CONSTRUCTION APPROVED, 1916 to 1963, INCLUSIVE.¹

Year	Surfacing		Earth Grading		Bridges	
	Miles	Cost ²	Miles	Cost ²	Number	Cost ²
1916 to 1920 ³	420.76	\$ 9,238,675.39	92.58	\$ 378,226.46	72	\$ 275,419.51
1921 to 1930 ³	1,664.48	41,968,100.17	372.87	3,884,341.86	398	5,120,359.58
1931 to 1940 ³	6,153.62	66,425,985.93	1,682.76	5,752,533.69	1,550	10,866,382.64
1941 to 1950 ³	3,367.12	47,619,131.45	364.29	2,190,615.69	333	19,598,988.60
1951	408.39	9,330,121.98	14.69	117,035.49	30	8,452,928.72
1952	313.27	8,745,470.68	7.85	30,552.39	33	6,102,215.76
1953	268.61	11,874,641.30	12.60	831,362.44	34	8,258,596.24
1954	316.07	20,283,423.65	19.67	1,011,882.26	27	6,659,371.68
1955	257.08	6,652,049.88	0.47	728,732.86	15	2,837,779.82
1956	330.58	10,354,246.37	7.92	96,677.68	13	9,415,336.91
1957	272.94	10,823,343.16	10.53	1,181,739.77	34	14,417,595.10
1958	219.28	14,745,256.39	15.56	1,184,097.79	62	37,565,112.11
1959	412.53	22,315,481.09	21.28	1,188,126.36	18	6,644,704.74
1960	322.92	22,607,120.58	0.31		43	25,396,614.08
1961	227.79	15,527,813.97	18.82	197,441.91	22	7,734,794.43
1962	200.63	8,769,889.71	16.61	350,254.81	28	9,428,018.04
1963	220.69	8,980,997.73	7.29	438,512.91	27	8,242,832.38
Total	15,376.76	\$336,261,749.43	2,666.10	\$19,562,134.37	2,739	\$187,017,050.34

¹ No Day Labor Construction was approved prior to the year 1930.

² "Cost" includes the estimated cost on day labor sections and the contract price on contract sections, and does not include any canceled contracts.

³ For the individual yearly figures see the annual report for the year 1957, page 190.

TABLE 59.—COUNTY CONSTRUCTION APPROVED DURING 1963.

LOCAL ROADS AND STREETS

County	Bituminous Pavement and Surfaces on a Concrete Base		Bituminous Surfaces not on a Concrete Base		Gravel or Stone Surfaces		Earth Grading		Bridges¹		Total Cost
	Miles	Cost	Miles	Cost	Miles	Cost	Miles	Cost	Number	Cost	
Champaign	0.3065	\$54,276.00	2.6344	\$44,784.90						\$ 235.94	\$ 99,295.84
Coles											12,460.75
Cook	9.2336	4,275,697.49							1	1,323,344.37	5,599,041.86
Cook (Expwy.)							0.2589	\$399,289.28	8	5,541,359.51	5,940,648.79
DeKalb			0.7566	5,402.60					1	41,858.20	47,260.80
DuPage	4.4738	2150,930.00	7.0184	2389,981.99						2,324.60	543,236.59
Ford										2500.00	500.00
Grundy			3.7256	13,095.72							13,095.72
Henry			1.0246	4,486.55							4,486.55
Kane			10.3778	141,282.88	1.2792	\$39,879.35				2,323.35	183,485.58
Kankakee			7.1324	68,601.70	5.4994	172,549.39			1	14,988.84	256,139.93
Knox					3.5560	29,773.56					29,773.56
Lake			7.9877	2427,156.16					1	270,867.19	498,023.35
LaSalle					15.7993	208,483.73				10,552.75	219,036.48
Lee			1.8268	54,041.83					2	71,033.65	125,075.48
Livingston					3.0640	41,751.50	5.2750	12,546.29	3	58,583.86	112,881.65
Logan			1.4125	9,389.13							9,389.13
McHenry			3.5961	80,937.37	3.8777	102,594.40			1	69,799.82	187,477.05
McLean			30.6358	276,101.88	1.9905	14,898.01	1.7516	26,677.34	2	314,950.08	419,585.58
Madison			1.6837	104,634.50							33,437.40
Marshall					2.2242	33,437.40					33,437.40
Massac			7.0408	84,530.93							84,530.93
Ogle										21,000.00	1,000.00
Peoria			5.7195	69,009.95	4.1826	304,404.66					373,414.61
Piatt									1	84,572.00	84,572.00
Pike			1.9760	29,147.40							29,147.40
Rock Island	1.1341	316,201.55	12.6950	206,975.62	12.6890	161,641.60			1	43,899.25	728,718.02
Sangamon										23,432.06	3,432.06
Stephenson			2.9784	13,984.53	7.4743	70,942.72				212,011.55	96,938.80
St. Clair			0.2601	89,766.40						9,108.89	98,875.29
Tazewell			5.6512	80,719.75	6.8324	184,852.65					265,572.40
Vermilion	1.7311	270,943.46							1	2161,246.54	432,190.00
White					2.5106	58,223.38					58,223.38
Whiteside									1	21,000.00	1,000.00
Will			4.1789	160,787.48	3.2366	195,203.90			1	2128,038.73	484,030.11
Winnebago			4.6692	23,603.81	3.9724	111,768.04			2	2263,340.45	398,712.30
Woodford			0.6430	4,121.86							4,121.86
Total	16.8791	\$5,068,048.50	125.6245	\$2,182,544.94	78.1882	\$1,730,404.29	7.2855	\$438,512.91	27	\$8,242,832.38	\$17,662,343.02

Note: This table includes all day labor construction that was authorized and all contracts that were approved during 1963. The costs tabulated in the "Cost" columns include estimated cost for day labor improvements and contract prices for contract improvements.

This table does not include force account work on Cook County and Cook County Expressway projects.

¹ Only bridges and culverts having a 20-foot span or over are included in the number. The "Cost", however, includes small drainage structures and other incidental work built separately or in connection with the bridge sections.

² Includes work done in conjunction with an adjoining county, state, municipality, road district or paid for, in part, with other funds. Only the county's portion is shown in this table.

³ Includes 7 highway grade separations, 3 railroad grade separations, 14 bridges, and 3 culverts.

TABLE 60.—RECAPITULATION OF COUNTY CONTRACTS APPROVED AND DAY LABOR CONSTRUCTION AUTHORIZED DURING 1963.

Fund	Day Labor or Contract	Concrete Pavement and Surfaces on a Concrete Base		Bituminous Surfaces not on a Concrete Base		Gravel or Stone Surfaces		Earth Grading		Bridges ¹		Total Cost
		Miles	Cost	Miles	Cost	Miles	Cost	Miles	Cost	Number	Cost	
County Funds	Day Labor ²											\$380,248.60
County Funds	Contract	0.7762	\$112,703.20	0.8492	\$46,464.78	3.6150	\$49,195.12	0.2589	\$399,289.28	14	5,767,527.20	6,375,089.58
MFT Funds	Day Labor ²			12.7346	112,621.29	23.6031	417,755.54	5.2750	12,546.29			542,923.12
MFT Funds	Contract	16.1029	4,955,345.30	112.0407	2,023,458.87	50.9701	1,263,543.63	1.7516	26,677.34	13	2,095,056.58	10,364,081.72
	Total	16.8791	\$5,068,048.50	125.6245	\$2,182,544.94	78.1882	\$1,730,404.29	7.2855	\$438,512.91	27	\$8,242,832.38	\$17,662,343.02

¹ Only bridges and culverts having a 20-foot span or over are included in computing the number. The "Cost", however, includes small drainage structures and other miscellaneous work built separately or with the bridge section.
² Day labor costs are engineers' estimates.

TABLE 61.—COUNTY CONSTRUCTION COMPLETED DURING 1963.

County	Concrete Pavement and Surfaces on a New Concrete Base				Bituminous Surfaces		Gravel or Stone Surfaces	Oiled Earth	Earth Grad- ing	Bridges 20-foot Span or Over
	Widening and Single-lane (0' to 15')	Two- lane (16' to 24')	Three- lane (25' to 35')	Four-lane and over (36' and Over)	On an Existing Rigid Base	Not on a Rigid Base				
	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Number
Bureau										1
Champaign					0.31	3.36				
Cook		0.77		9.12	0.89	2.63				2
Cook (Expwy.)				1.74						2
DeKalb						0.76				1
DuPage						7.03				
Fulton						3.18				
Grundy						3.73				
Henderson						1.37	1.72			

LOCAL ROADS AND STREETS

Henry						4.59						
Kane						10.37					1.43	
Kankakee						6.12					3.44	
Knox						1.48					3.56	
Lake						7.99						2
LaSalle											8.98	
Lee						1.83						
Livingston												3
McHenry						3.60					3.06	
McLean						30.43					3.88	
Macon												1.75
Marshall											0.19	
Peoria											2.22	
Piatt						5.72					4.19	
Rock Island												1
Stephenson						12.69		1.13			12.69	1
St. Clair						2.98					7.47	
Tazewell						0.26						
Vermilion						5.64					2.95	
White	1.73											1
Will											2.51	
Winnebago						4.62					3.24	2
Woodford						4.67					9.52	1
						0.64						
Total		12.50			211.99		31.20				571.05	619
						4125.69					1.75	

Note: The above table does not include miscellaneous improvements such as storm sewer work, railroad crossing protection installations, small drainage structures, etc.

¹ Includes 2.50 miles of Portland Cement Concrete pavement.

² Includes 11.99 miles of Portland Cement Concrete pavement.

³ Includes 1.20 miles bituminous concrete pavement.

⁴ Includes 26.39 miles of modified A-1 bituminous surface treatment, 2.89 miles of modified A-2 bituminous surface treatment, 35.68 miles of A-3 bituminous surface treatment, 4.00 miles of modified A-3 bituminous surface treatment, 5.72 miles of B-1 bituminous surface treatment, 42.06 miles of B-5 bituminous concrete surface, 6.09 miles of modified B-5 bituminous concrete surface, and 2.86 miles of I-11 bituminous concrete surface on nonrigid bases.

⁵ Includes 12.69 miles of type A base, 5.35 miles of type A surface, 9.52 miles of modified type A surface, 10.38 miles of type B base, 31.68 miles of type B surface, and 1.43 miles of special base.

Includes 3 railroad grade separations, 2 highway grade separations, 11 bridges, and 3 culverts having a 20-foot span or over.

RECAPITULATION OF SURFACES

Rigid type surfaces (summation of Columns 1, 2, 3, 4, and 5)..... 15.69 miles

Nonrigid type surfaces:

Low type bituminous	125.69 miles
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Gravel or Crushed Stone surface	46.55 miles
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Cravel or Crushed Stone surface	40.50 mms
Cravel or Crushed Stone base	24.50 miles

Total	212.43 miles
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LOCAL ROADS AND STREETS

TABLE 62.—MOTOR FUEL TAX AVAILABLE AND DISBURSED TO MUNICIPALITIES DURING 1963.

Municipality	Balance Available Jan. 1, 1963	Allotted During 1963	Total Available During 1963	Disbursed for					Treasurers' Fees and Miscellaneous	Total Disbursed During 1963	Balance on Hand Dec. 31, 1963
				Construction	Right-of-way	Engineering	Municipal Indebtedness	Maintenance			
Abingdon	\$ 1,343.09	\$20,145.36	\$21,488.45	\$ 1—348.20	—	\$ 968.04	—	\$ 3,101.93	—	\$ 3,721.77	\$ 17,766.68
Addieville	1,017.64	1,341.47	2,359.11	—	—	—	—	—	—	—	2,359.11
Addison	87,425.50	52,532.38	139,957.88	61,845.54	—	9,800.25	14,455.77	14,851.67	—	100,953.23	39,004.65
Adeline	736.48	754.95	1,491.43	—	—	—	—	—	—	—	1,491.43
Albany	3,156.94	3,699.20	6,856.14	—	—	—	—	—	—	2,630.00	4,226.14
Albers	5,448.78	3,286.90	8,735.68	—	—	227.96	2,630.00	4,699.28	—	4,927.24	3,808.44
Albion	18,690.12	11,759.69	30,449.81	—	—	1,536.64	—	9,067.20	—	11,986.56	18,463.25
Aledo	35,119.88	17,886.32	53,006.20	1,382.72	—	628.76	—	20,355.55	—	20,984.31	32,021.89
Alexis	13,139.04	5,098.78	18,237.82	—	—	—	—	2,190.22	—	2,190.22	16,047.60
Algonquin	7,702.07	14,688.12	22,390.19	—	—	841.55	3,915.16	12,358.20	—	17,114.91	5,275.28
Alhambra	9,708.12	3,118.50	12,826.62	—	—	459.09	—	3,848.38	—	4,307.47	8,519.15
Allendale	4,263.15	2,700.35	6,963.50	—	—	—	—	2,758.84	—	2,758.84	4,204.66
Allenville	52.08	1,109.17	1,161.25	—	—	—	—	1,145.14	—	1,145.14	16.11
Allerton	320.57	1,637.66	1,958.23	—	—	—	—	—	—	—	1,958.23
Alma	53.46	2,079.01	2,132.47	—	—	—	—	2,006.39	40.14	2,046.53	85.94
Alorton	17,136.00	19,059.38	36,195.38	—	—	732.99	—	19,546.50	—	20,279.49	15,915.89
Alpha	7,219.47	3,699.21	10,918.68	—	—	453.94	—	4,776.55	—	5,230.49	5,688.19
Alsey	3,750.80	1,440.19	5,190.99	—	—	233.61	—	2,766.69	—	3,000.30	2,190.69
Alsip	34,858.30	21,893.33	56,751.63	—	—	3,451.84	—	472.40	—	3,924.24	52,827.39
Altamont	10,777.88	9,616.82	20,394.70	—	—	518.77	—	4,266.53	—	4,785.30	15,609.40
Alton	191,550.85	254,438.85	445,989.70	66,190.22	250.00	11,408.24	—	52,237.06	—	130,085.52	315,904.18
Altona	1,140.69	2,932.67	4,073.36	—	—	—	—	—	—	—	4,073.36
Alto Pass	10,111.35	1,875.75	11,987.10	—	—	1,061.74	—	705.54	—	1,767.28	10,219.82
Alvan	396.91	1,631.83	2,028.74	—	—	—	—	1,759.70	—	1,759.70	269.04
Amboy	13,050.94	12,003.57	25,054.51	—	—	—	—	—	—	—	25,054.51
Anchor	2,070.74	1,126.62	3,197.36	—	—	—	—	—	—	—	3,197.36
Andalusia	8,425.77	3,252.04	11,677.81	—	—	491.02	—	4,225.38	—	4,716.40	6,961.41
Andover	72.64	1,713.14	1,785.78	—	—	196.99	—	1,588.79	—	1,785.78	—
Anna	87,538.76	24,855.03	112,393.79	20,885.50	—	3,215.88	38,397.52	1—745.88	—	61,753.02	50,640.77
Annanaw	20,396.10	4,070.89	24,466.99	—	—	868.69	—	10,833.97	—	11,702.66	12,764.33
Antioch	13,094.30	13,170.84	26,265.14	—	—	120.00	—	6,493.00	—	6,613.00	19,652.14
Apple River	6,259.42	2,770.08	9,029.50	—	—	413.77	—	4,390.69	—	4,804.46	4,225.04
Arcola	9,635.34	13,199.87	22,835.21	1,030.19	—	1,496.94	—	12,456.49	—	14,983.62	7,851.59
Arenzville	1,779.28	2,421.60	4,200.88	—	—	231.56	—	1,514.90	—	1,746.46	2,454.42
Argenta	1,061.51	4,994.21	6,055.72	—	—	—	—	5,098.00	—	5,098.00	957.72
Arlington	830.16	1,475.06	2,305.22	—	—	—	—	—	—	—	2,305.22
Arlington Heights	232,043.84	194,101.51	426,145.35	86,870.36	—	1—300.00	78,293.07	1—457.06	—	164,406.37	261,738.98
Armington	3,101.55	1,898.98	5,000.53	—	—	83.99	—	4,343.41	—	4,427.40	573.13
Aroma Park	3,584.95	4,320.60	7,905.55	—	—	210.21	—	1,259.14	—	1,469.35	6,436.20
Arrowsmith	9,739.08	1,852.52	11,591.60	4,186.88	—	329.81	—	2,982.16	—	7,498.85	4,092.75
Arthur	19,355.55	12,311.37	31,666.92	—	—	—	—	—	—	—	31,666.92
Ashkum	957.29	3,490.17	4,447.46	6,208.99	—	758.91	—	1—2,520.44	—	4,447.46	—
Ashland	2,221.87	6,178.92	8,400.79	—	—	82.71	—	3,162.75	—	3,245.46	5,155.33
Ashley	7,903.92	3,844.40	11,748.32	—	—	99.87	—	4,957.77	—	5,057.64	6,690.68

LOCAL ROADS AND STREETS

[illegible]

LOCAL ROADS AND STREETS

TABLE 62.—Continued.

Municipality	Balance Available Jan. 1, 1963	Allotted During 1963	Total Available During 1963	Disbursed for					Treasurers' Fees and Miscellaneous	Total Disbursed During 1963	Balance on Hand Dec. 31, 1963
				Construction	Right-of-way	Engineering	Municipal indebtedness	Maintenance			
Bethalto	3,803.77	22,625.05	26,428.82	20,611.12				298.48		20,611.12	5,817.70
Bethany	1,343.70	6,492.51	7,836.21					39.20	6.09	304.57	7,531.64
Biggsville	3,066.08	2,003.51	5,069.59			1—39.20		615.35			5,069.59
Bingham	13.76	708.47	722.23								106.88
Birds	930.06	1,364.71	2,294.77					1,879.31	37.58	1,916.89	377.88
Bishop Hill	3,480.37	952.37	4,432.74					234.57		234.57	4,198.17
Blandinsville	1,062.31	4,953.58	6,015.89			252.52		5,050.42		5,302.94	712.95
Bloomington	17,002.05	7,328.75	24,330.80			1,139.24		11,392.35		12,531.59	11,799.21
Bloomington	64,761.21	210,634.75	275,395.96	35,456.49		4,239.57		16,313.61		56,009.67	219,386.29
Blue Island	29,484.43	113,926.61	143,411.04	88,395.50		8,618.12		18,732.43		115,746.05	27,664.99
Blue Mound	4,990.58	6,027.91	11,018.49					6,150.00		6,150.00	4,868.49
Bluffs	3,465.95	4,523.85	7,989.80					1,413.20		1,413.20	6,576.60
Bluford	606.63	2,253.22	2,859.85					2,472.73		2,472.73	387.12
Bone Gap	1,420.27	1,422.77	2,843.04					2,521.50	63.04	2,584.54	258.50
Bonfield	1,557.72	1,033.69	2,591.41			23.81		476.25		500.06	2,091.35
Bourbonnais	24,868.73	19,373.00	44,241.73	1,794.11		564.46	7,365.00	2,965.15		12,688.72	31,553.01
Bowen	348.85	3,246.25	3,595.10			189.14		3,405.96		3,595.10	
Braceville	297.70	3,240.44	3,538.14	665.66		345.88		336.40		1,347.94	2,190.20
Bradford	7,158.47	4,976.81	12,135.28							2,613.62	9,521.66
Bradley	43,417.09	46,934.20	90,351.29	12,599.81		6,701.16	2,613.62	7,357.64		43,877.23	46,474.06
Braidwood	1,630.63	11,289.29	12,919.92			273.80		2,495.04		2,768.84	10,151.08
Breese	17,060.26	14,291.66	31,351.92	17,752.71		2,277.99		4,696.54		24,727.24	6,624.68
Bridgeport	8,949.08	13,124.40	22,073.48			613.44	4,720.00	4,309.01		9,642.45	12,431.03
Bridgeview	171,379.96	42,590.37	213,970.33			542.06		16,679.00		17,221.06	196,749.27
Brighton	10,477.80	7,247.45	17,725.25	1—60.58		424.06		5,108.77		5,472.25	12,253.00
Brimfield	4,838.48	3,899.56	8,648.04			352.09		5,040.77		5,392.86	3,255.18
Broadlands	1,921.28	1,997.69	3,918.97					2,751.25		2,751.25	1,167.72
Broadview		51,440.56	51,440.56				51,440.56			51,440.56	
Broadwell		1,004.65	1,004.65					488.27	9.77	498.04	506.61
Brocton	3,627.38	2,203.74	5,834.12					4,429.81		4,429.81	1,404.31
Brookfield	37,607.98	118,636.30	156,244.28	6,729.81		3,350.28	14,554.26	71,490.37		96,124.72	60,119.56
Brooklyn	72,959.65	11,161.54	84,121.19		535.00	2,458.86		2,329.83		5,323.69	78,797.50
Brookport	10,053.38	6,701.56	16,764.94					8,056.45		8,056.45	8,708.49
Broughton		1,364.72	1,364.72					1,337.68	27.04	1,364.72	
Browning	8,027.39	1,742.17	9,769.56								9,769.56
Browns	1,405.87	1,457.64	2,863.51					1,645.00		1,645.00	1,218.51
Brownstown	848.22	3,826.98	4,675.20			342.15		2,890.31		3,232.46	1,442.74
Brussels	978.18	1,167.26	2,145.44								2,145.44
Bryant	139.69	2,099.32	2,149.01			80.67		1,613.30		1,693.97	455.04
Buckingham	299.21	882.71	1,181.92								1,181.92
Buckley	14,757.04	4,007.01	18,764.05	5,320.25						5,320.25	13,443.80
Buckner	7,656.30	3,542.43	11,198.73			530.00		6,150.97	133.62	6,814.59	4,384.14
Buda	3,037.15	4,250.92	7,288.07			64.94		2,576.00		2,640.94	4,647.13
Buffalo	2,278.48	2,067.38	4,345.86					1,535.54		1,535.54	2,810.32

LOCAL ROADS AND STREETS

[illegible]

TABLE 62.—Continued.

Municipality	Balance Available Jan. 1, 1963	Allotted During 1963	Total Available During 1963	Disbursed for					Total Disbursed During 1963	Balance on Hand Dec. 31, 1963
				Construction	Right-of-way	Engineering	Municipal indebtedness	Maintenance		
Chandlerville	7,086.30	4,169.61	11,255.91			414.78		5,123.39	5,538.17	5,717.74
Channahon		4,951.85	4,951.85			243.01		1,769.19	2,012.20	2,939.65
Chapin	280.55	2,770.07	3,050.62			162.40		2,473.21	2,635.61	415.01
Charleston	49,901.27	61,005.16	110,906.43	65,291.21		4,011.28		27,134.75	96,437.24	14,469.19
Chatham	1,544.52	6,207.93	7,752.45					4,897.88	4,897.88	2,854.57
Chatsworth	8,783.13	7,723.65	16,506.78			755.98		8,719.17	9,475.15	7,031.63
Chebanse	2,325.27	5,778.23	8,103.50	3,773.75		569.52		2,536.74	1,223.49	1,223.49
Chenoa	1,700.17	8,844.43	10,544.60			1—51.12		51.12	6,880.01	10,544.60
Cherry	6,518.46	2,909.45	9,427.91							9,427.91
Cherry Valley		5,081.35	5,081.35	2,766.60					64.68	2,250.07
Chester	55,470.11	25,900.33	81,370.44						2,831.28	81,370.44
Chesterfield	1,679.87	1,626.02	3,305.89							3,305.89
Chicago	13,007,296.73	20,618,082.19	33,625,378.92	6,437,229.49	3,882,861.98	1,015,721.83	290,540.29	10,376,319.50	22,015,903.32	11,609,469.60
Chicago Heights		199,368.68	199,368.68	129,880.80		13,874.08	19,725.00	11,216.71	174,696.59	24,672.09
Chicago Ridge		33,886.23	92,065.75	34,270.25		2,736.58	18,050.00		55,056.83	37,008.92
Chillicothe		19,512.36	28,666.65			598.28		15,371.82	15,970.10	12,696.55
Chrisman	2,185.04	7,090.65	9,275.69					7,955.86	7,955.86	1,319.83
Christopher	21,513.87	16,573.87	38,087.74			929.99	4,520.00	13,814.26	19,458.84	18,628.90
Cicero		401,455.15	401,455.15	6,146.81		114.16	380,744.14	3,623.36	390,628.47	10,826.68
Cisco	998.86	2,311.27	3,310.13					2,691.34	2,691.34	618.79
Cisne	224.34	3,571.45	3,795.79					3,721.36	3,795.79	
Cissna Park	5,537.55	4,663.23	10,200.78			739.22		7,451.16	8,272.29	1,928.49
Claremont	2,408.64	1,295.02	3,703.66					1,393.73	1,422.17	2,281.49
Clarendon Hills	44,619.39	34,175.65	78,795.04	7,498.73		2,975.55	17,187.50	11,938.49	39,620.27	39,174.77
Clay City	7,130.87	6,643.50	13,774.37			300.71	4,172.50	6,014.20	10,487.41	3,286.96
Clayton	5,295.57	4,494.81	9,790.38					233.93	233.93	9,556.45
Clear Lake	1,052.16	1,271.79	2,323.95					1,122.81	1,122.81	1,201.14
Cleveland	2,513.48	1,457.68	3,971.16				560.00	180.00	740.00	3,231.16
Clifton	1,554.41	5,911.79	7,466.20			411.86		2,541.95	6,157.60	1,308.60
Clinton	47,432.32	42,712.31	90,144.63	67,095.59		1,336.81		2,206.62	70,639.02	19,505.61
Coal City	2,105.25	16,562.29	18,667.54				3,123.75		3,123.75	15,543.79
Coalton	2,095.96	2,044.14	4,140.10						1,978.97	2,161.13
Coal Valley	3,174.93	2,526.15	5,701.08		3,600.00				3,600.00	2,101.08
Coatsburg	11.23	1,033.69	1,044.92						754.04	290.88
Cobden	14,081.93	5,331.05	19,412.98			150.00		739.26	4,285.52	15,127.46
Coffeen	188.18	2,915.23	3,103.41					4,135.52	3,103.41	
Colchester	12,015.24	8,681.85	20,697.09			585.87		14,646.98	15,232.85	5,464.24
Colleta	2,784.77	1,144.04	3,928.81	477.50		347.86		1—343.52	481.84	3,446.97
Colfax	13,488.58	5,191.68	18,680.26	12,936.29		1,452.14		2,207.78	16,596.21	2,084.05
Collinsville	70,677.80	82,561.67	153,239.47	1,849.45		5,682.62		91,466.34	101,427.52	51,811.95
Colona	9,297.21	4,682.93	13,980.14			737.82		7,380.21	8,124.03	5,856.11

LOCAL ROADS AND STREETS

Colp	506.34	1,167.26	1,673.60	33.24	1-33.24	12,557.60	1,673.60
Columbia	25,852.39	18,432.22	44,294.61	515.35	11,484.65	358.16	31,727.01
Columbus	1,093.59	632.99	1,726.58	462.37	351.14	7.02	1,368.42
Compton	4,647.31	2,125.46	6,772.77	180.00	4,554.40	39.54	1,756.00
Concord	3,366.26	1,219.52	4,585.78	236.92	1,796.83	---	2,569.41
Congersville	---	1,382.11	1,067.08	71.11	---	---	78.11
Cooksville	9,415.48	1,283.40	10,698.88	205.97	1-71.11	---	10,698.88
Cordova	3,471.28	2,915.22	6,386.50	201.90	2,427.15	4.04	3,753.38
Cornell	239.69	3,043.00	3,282.69	445.34	---	---	3,076.75
Cortland	6,959.42	2,677.13	9,636.55	---	4,288.16	---	4,903.05
Coulterville	13,682.00	5,935.00	19,617.00	---	5,484.00	---	14,133.00
Country Club Hills	5,446.40	27,706.39	33,152.79	---	8,500.00	---	760.71
Countryside	18,269.51	13,896.76	32,166.27	---	---	---	32,166.27
Cowden	448.29	3,339.17	3,787.46	124.57	3,076.55	130.67	455.67
Crainville	3,406.69	2,444.84	5,851.53	280.00	4,356.78	87.14	1,407.61
Creal Springs	5,281.40	4,552.88	9,837.28	---	5,024.84	---	4,532.44
Crescent City	2,762.20	2,671.33	5,433.53	696.63	---	---	5,433.53
Creston	9,360.35	2,636.49	11,996.84	1,166.22	8,038.50	---	3,261.71
Crest Hill	29,242.65	33,902.70	63,145.35	---	20,237.83	---	41,741.30
Crestwood	10,912.22	18,982.48	29,894.70	---	240.00	---	29,654.70
Crete	10,345.81	20,110.50	30,459.31	---	---	---	30,459.31
Creve Coeur	72,097.55	38,815.67	110,913.22	1,505.57	26,214.69	---	83,192.96
Crossville	19,465.30	5,075.54	24,540.84	390.61	3,725.82	---	20,424.41
Crystal Lake	2,115.36	48,281.46	50,396.82	432.92	18,739.88	---	20,786.64
Cuba	5,987.33	8,014.00	14,001.33	232.82	4,656.32	---	9,112.19
Cullum	5,534.59	3,223.02	8,757.61	---	---	---	8,757.61
Cutler	3,557.78	2,584.23	6,142.01	---	750.00	---	6,142.01
Cypress	1,344.96	1,533.09	2,878.05	---	---	---	2,128.05
Dahlgren	106.91	2,787.47	2,894.38	---	---	---	2,894.38
Dakota	2,501.20	2,108.03	4,609.23	181.28	---	---	3,150.45
Dallas City	574.16	7,410.05	7,984.21	339.35	6,970.12	---	674.74
Dalton City	600.33	2,241.62	2,841.95	---	2,706.20	---	135.75
Dalzell	7,873.54	2,880.40	10,753.94	---	---	---	10,753.94
Dana	1,067.39	1,393.74	2,461.13	---	---	2,461.13	---
Danforth	1,793.53	2,288.05	4,081.58	---	---	---	4,081.58
Danvers	10,263.08	4,547.08	14,810.16	1-1,009.86	1,001.00	---	13,654.03
Danville	306,180.06	243,068.24	549,248.30	340,171.15	33,951.57	---	137,752.45
Davis	5,379.01	2,520.35	7,899.36	---	---	---	7,899.36
Dawson	3,549.79	2,282.27	5,832.06	---	1,078.49	21.57	4,732.00
Decatur	190,616.20	468,094.78	658,710.98	31,600.81	20,516.89	---	314,889.92
Deer Creek	3,288.97	3,385.62	6,674.59	5,221.61	1,149.66	131.75	---
Deer Park	8,785.06	2,764.24	11,549.30	---	---	---	11,549.30
Deerfield	58,266.47	73,512.78	131,779.25	66,599.80	28,883.44	---	30,102.83
DeKalb	113,153.27	107,352.81	220,506.08	3,184.43	---	---	179,425.54
DeLand	3,527.47	2,450.67	5,978.14	245.49	3,067.98	---	2,664.67
DeLavan	10,126.07	8,487.18	18,613.25	588.15	14,411.85	---	3,613.25
DePue	12,503.06	11,149.91	23,652.97	3,060.05	13,086.01	220.80	1,351.96
DeSoto	9,420.96	4,198.64	13,619.60	---	652.10	---	12,967.50
Des Plaines	158,161.31	239,310.95	397,472.26	13,723.42	31,388.76	---	---
Detroit	1,449.53	731.71	2,181.24	---	447.15	---	1,734.09
DeWitt	1,088.82	1,422.77	2,511.59	---	1,922.50	---	589.09

LOCAL ROADS AND STREETS

TABLE 62.—Continued.

Municipality	Balance Available Jan. 1, 1963	Allotted During 1963	Total Available During 1963	Disbursed for					Total Disbursed During 1963	Balance on Hand Dec. 31, 1963
				Construction	Right-of-way	Engineering	Municipal indebtedness	Maintenance		
Diamond	1,590.84	1,451.81	3,042.65							3,042.65
Dieterich	3,995.33	3,432.10	7,427.43			544.76		5,276.90	5,821.66	1,605.77
Divernon	1,147.51	5,789.84	6,937.35			264.86		5,168.55	5,433.41	1,503.94
Dix	1,578.20	1,051.12	2,629.32							2,629.32
Dixmoor	10,756.81	17,863.10	28,619.91						11,572.50	17,047.41
Dixon	61,781.55	113,618.84	175,400.39			1,897.49		31,589.28	39,053.87	136,346.52
Dolton	75,714.44	108,862.71	184,577.15			5,476.49		1,373.20	106,225.51	78,351.64
Dongola	14,034.23	4,396.09	18,430.32			150.00		3,272.62	3,422.62	15,007.70
Donnellson	1,286.95	1,695.71	2,982.66							2,982.66
Donovan	8,099.33	1,858.31	9,957.64			90.42		903.64	3,219.81	6,737.83
Dorechester	45.62	934.96	980.58					914.00	914.00	66.58
Dover	5,571.32	993.04	6,564.36							6,564.36
Dowell	12,047.54	2,630.67	14,678.21					4,428.99	4,428.99	10,249.22
Downers Grove	90,940.65	122,846.54	213,787.19				54,375.00	21,619.06	75,994.06	137,793.13
Downs		3,797.93	3,797.93			68.30		1—68.30	3,797.93	
DuBois	3,770.78	1,329.85	5,100.63			94.48		3,069.31	3,223.36	1,872.27
Dunfermline	182.40	1,649.27	1,831.67			83.04		1,660.30	1,743.34	88.33
Dunlap	5,193.87	3,275.30	8,469.17			1—104.29		104.29		8,469.17
Dupo	14,750.26	17,055.89	31,806.15			603.05		6,967.85	7,722.32	24,083.83
DuQuoin	31,823.14	38,083.93	69,907.07			2,126.43		14,810.57	69,907.07	
Durand	25,133.72	4,628.38	29,762.10			2,928.19			27,329.76	2,437.34
Dwight	4,554.89	17,921.18	22,476.07			20,528.75		3,000.00	20,528.75	1,947.32
Eagarville	2,248.74	865.29	3,114.03						61.23	52.80
Earlville	2,949.33	8,246.30	11,195.63							11,195.63
East Alton	52,256.22	44,309.32	96,565.54			1,347.25		40,279.61	42,459.40	54,106.14
East Brooklyn	790.33	394.88	1,185.21							1,185.21
East Carondelet	6,977.47	2,688.77	9,666.24			279.38		2,247.90	2,527.28	7,138.96
East Chicago Heights	49,795.22	24,942.14	74,737.36							74,737.36
East Dubuque	23,833.59	12,090.69	35,924.28							
East Dundee	10,448.43	12,897.92	23,346.35			1,724.94		4,834.20	4,834.20	31,090.08
East Galesburg	2,254.71	3,852.79	6,057.50			405.72		8,997.50	23,346.35	
East Gillespie	482.83	1,207.91	1,690.74					3,361.17	3,766.89	2,320.61
East Hazelcrest		8,461.16	8,461.16					1,200.58	1,200.58	490.16
East Moline	108,376.54	97,166.90	205,543.44			5,865.60			1,590.83	6,870.33
Easton	5,026.23	2,096.41	7,122.69				34,795.01	311.11	74,425.75	131,117.69
East Peoria	82,814.58	73,228.53	156,043.11			3,577.34		24,938.00	46,313.84	109,729.27
East St. Louis	631,078.41	474,521.93	1,105,600.39			76,083.33		207,955.89	836,925.69	208,674.70
Eddyville	2,768.59	725.91	3,494.50					1,658.08	1,658.08	1,836.42
Edgewood	144.00	2,990.74	3,134.74					2,137.98	2,137.98	996.76
Edinburg	12,848.40	5,824.66	18,673.06					649.52	649.52	18,023.54

LOCAL ROADS AND STREETS

Edwardsville	154,508.88	58,049.27	212,558.15	1-195.87	769.61		6,484.41	7,058.15	205,500.00
Effingham	38,841.16	47,456.85	86,298.01		3,553.12		14,410.44	23,329.73	62,968.28
Eileen	515.86	2,229.97	2,745.83						2,745.83
Elburn	26,173.58	5,574.95	31,748.53		435.17		7,792.65	11,601.38	20,147.15
El Dara	1,526.86	569.12	2,095.98				1,547.04	1,547.04	548.94
Eldorado		20,749.30	20,749.30						16,530.36
Eldred	3,165.40	1,753.78	4,920.18						3,608.83
Elgin	106,731.36	287,151.06	393,882.42				157,687.79	211,605.79	182,276.63
Elizabeth	16,313.51	4,233.48	20,546.99				1-556.15	20,546.99	23,666.78
Elizabethtown	21,947.72	3,043.00	24,990.72				1,323.94	1,323.94	90,769.33
Elk Grove Village	61,782.88	59,954.05	121,736.93				30,144.49	30,967.60	6,092.71
Elkhart	3,665.29	2,427.42	6,092.71						13,474.04
Elkville	14,069.55	4,314.78	18,384.33				4,910.29	4,910.29	6,007.51
Elliott	4,015.64	1,991.87	6,007.51						6,859.99
Ellis Grove	5,803.20	1,265.98	7,069.18						67.20
Ellisville	55.65	813.03	868.68				205.01	209.19	3,301.58
Ellsworth	4,757.04	1,300.82	6,057.86				785.77	801.48	273,969.20
Elmhurst	284,141.00	228,275.96	512,416.96				77.08	2,756.28	10,566.88
Elmwood	7,931.11	10,929.25	18,860.36				86,998.26	238,447.76	
Elmwood Park	81,833.67	138,595.81	220,429.48				7,689.47	8,293.48	
El Paso	28,703.28	11,405.44	40,108.72				45,891.00	220,429.48	
Elsah	4,838.70	2,944.27	7,782.97				12,940.35	29,188.50	10,920.22
Elvaston	21.23	1,347.29	1,368.52				1,054.74	1,054.74	7,782.97
Elwood	3,193.39	4,332.21	7,525.60				2,002.00	2,069.60	5,456.00
Emden	6,514.08	2,915.23	9,429.31				6,402.21	6,594.27	2,835.04
Emmington	2,265.21	772.38	3,037.59						3,037.59
Energy	1,226.81	2,944.26	4,171.07						1,346.39
Enfield	14,841.98	4,593.52	19,435.50				2,686.68	2,824.42	15,974.08
Equality	4,691.52	3,861.83	8,553.35				3,392.88	3,461.42	5,243.10
Erie	31,218.00	7,055.82	38,273.82				3,310.25	3,310.25	6,334.29
Essex	1,513.93	1,904.73	3,418.71				11,487.12	31,939.53	2,446.85
Eureka	19,119.19	14,738.79	33,848.98				919.51	971.86	31,676.06
Evanston	1,054,219.77	460,416.17	1,514,635.94				1,380.12	2,172.92	1,224,886.58
Evansville	41,185.84	4,814.20	46,000.04				107,098.91	289,749.36	46,000.04
Evergreen Park	24,427.29	146,303.66	170,730.95					170,730.95	
Ewing	1,106.65	1,451.82	2,558.47				1,104.18	1,104.18	1,454.29
Exeter	1,193.43	447.18	1,640.61						1,640.61
Fairbury	40,461.73	17,055.89	57,517.62				4,257.21	57,517.62	
Fairfield		36,945.72	36,945.72					4,576.60	32,369.12
Fairmont City	21,277.57	15,609.88	36,887.45	1-1.00			10,845.77	11,387.94	25,499.51
Fairmount	4,488.22	4,210.25	8,698.47				2,762.00	2,762.00	5,936.47
Fairview	1,714.51	3,159.15	4,873.66				2,511.03	2,674.70	2,198.96
Farina	402.00	4,018.61	4,420.61				4,102.88	4,102.88	317.73
Farmer City	7,017.21	10,673.71	17,690.92				9,197.20	9,966.30	7,724.62
Farmersville	213.95	2,874.60	3,088.55				2,904.81	2,904.81	183.74
Farmington	8,523.94	16,440.31	24,964.25					12,833.04	12,131.21
Fayetteville	1,170.17	1,707.32	2,877.49				2,904.81	1,429.00	1,448.49
Ferris		1,207.91	1,207.91				1,429.00	1,429.00	
Fidelity	424.19	725.92	1,150.11				1,207.91	1,207.91	351.15
Fieldon	1,578.40	1,387.92	2,966.32				727.58	798.96	849.62
Fillmore	1,122.24	2,090.61	3,212.85				2,116.70	2,116.70	1,832.20
Findlay	593.35	4,407.70	5,001.05				1,353.58	1,380.65	658.84
Fisher	4,252.87	6,707.36	10,960.23				4,400.79	4,342.21	3,766.95
Fithian	3,997.35	2,874.59	6,872.54				7,122.05	7,193.28	872.54

LOCAL ROADS AND STREETS

TABLE 62.—Continued.

Municipality	Balance Available Jan. 1, 1963	Allotted During 1963	Total Available During 1963	Disbursed for						Total Disbursed During 1963	Balance on Hand Dec. 31, 1963
				Construction	Right-of-way	Engineering	Municipal indebtedness	Maintenance	Treasurers' Fees and Miscellaneous		
Flanagan	1,808.52	4,883.90	4,883.90	---	---	---	2,675.04	---	---	2,675.04	2,208.86
Flat Rock	24,689.11	2,886.21	4,694.73	---	---	112.19	---	1,476.19	---	1,588.38	3,106.35
Flora	705.84	30,958.43	55,647.54	---	---	231.99	13,640.00	1,836.89	---	15,708.88	39,938.66
Florence	39,532.69	574.91	1,280.75	---	---	---	---	1,239.50	---	1,239.50	41.25
Flossmoor	215.18	26,532.73	66,385.42	33,892.14	---	3,575.39	---	---	---	37,467.53	28,917.89
Foosland	---	871.03	1,086.26	---	---	---	---	---	---	---	1,086.26
Forest City	---	1,446.01	1,446.01	491.46	---	---	---	---	---	491.46	954.55
Forest Park	84,949.86	83,926.36	168,876.22	79,795.05	---	7,172.74	---	25,577.58	---	112,545.37	56,330.85
Forest View	24,266.11	6,051.15	30,317.26	24,725.56	---	95.90	---	3,347.84	---	28,169.30	2,147.96
Forrest	10,737.01	7,084.83	17,821.84	---	---	---	---	---	---	---	17,821.84
Forreston	---	6,695.75	6,695.75	---	---	---	---	---	---	6,695.75	---
Forsyth	1,517.63	2,462.27	3,979.90	---	---	---	---	3,511.16	---	3,511.16	468.74
Fox Lake	61,929.16	21,486.81	83,415.97	---	---	1-3.90	50,796.63	9,345.46	---	60,138.19	23,277.78
Fox River Grove	20,681.77	10,836.32	31,518.09	---	1,200.00	1,854.34	---	12,216.50	---	15,270.84	16,247.25
Frankfort	8,516.99	6,591.24	15,108.23	1-49	---	48.91	---	3,206.11	---	3,254.53	11,853.70
Franklin	4,143.68	2,903.63	7,047.31	---	---	---	---	---	---	---	7,047.31
Franklin Grove	9,441.76	4,489.00	13,930.76	---	---	---	---	---	---	---	13,930.76
Franklin Park	101,345.00	106,400.44	207,745.44	---	---	1-10.80	100,000.00	---	---	99,989.20	107,756.24
Freeburg	12,626.49	11,080.23	23,706.72	---	---	---	---	---	---	---	23,706.72
Freemanspur	5,237.72	2,357.74	7,595.46	---	---	---	---	5,811.09	---	5,811.09	1,784.37
Freeport	43,969.82	154,635.43	198,605.25	90,286.55	---	---	---	20,717.73	---	111,004.28	87,600.97
Fulton	78,945.64	19,669.16	98,614.80	61,893.16	---	6,177.95	---	6,211.48	---	74,282.59	24,332.21
Fults	313.40	522.67	836.07	---	---	---	---	---	---	---	836.07
Galatia	1,296.22	4,829.02	6,116.24	---	---	271.64	---	3,344.45	---	3,616.09	2,500.15
Galena	43,669.70	25,609.99	69,279.69	---	---	---	---	10,283.74	---	10,283.74	58,995.95
Galesburg	143,323.42	216,279.40	359,602.82	263,056.23	200.00	1-19,236.05	14,000.00	27,301.85	---	285,292.03	74,310.79
Galva	21,555.82	17,770.20	39,325.02	732.07	---	398.62	7,831.56	---	---	8,962.25	30,363.77
Gardner	6,794.14	6,045.34	12,839.48	---	---	---	---	---	---	---	12,839.48
Gardner	2,179.52	1,446.01	3,625.53	---	---	---	---	2,569.13	---	2,569.13	1,056.40
Garrett	591.01	1,527.29	2,118.30	---	---	---	---	---	---	---	2,118.30
Gayles	62,943.70	30,017.69	92,961.39	82,961.39	---	10,000.00	---	---	---	92,961.39	---
Geneseo	110,345.45	44,402.25	154,747.70	92,876.10	---	10,140.46	---	---	---	103,016.56	51,731.14
Geneva	---	---	---	---	---	---	4,506.44	5,832.19	---	10,895.52	20,051.80
Genoa	17,416.43	13,539.89	30,947.32	---	---	556.89	---	16,638.37	---	50,352.22	7,388.47
Georgetown	37,159.79	20,580.90	57,740.69	30,113.85	---	3,600.00	---	---	---	---	18,923.33
Germanantown	13,214.80	5,708.53	18,923.33	---	---	---	---	---	---	---	3,379.93
German Valley	2,079.10	1,300.83	3,379.93	---	---	---	---	10,882.07	---	17,232.79	29,917.56
Gibson	27,097.94	20,052.41	47,150.35	---	---	1,675.72	4,675.00	3,627.00	---	3,627.00	583.21
Gifford	673.58	3,536.63	4,210.21	---	---	---	---	845.51	---	978.86	2,638.44
Gilberts	2,235.16	1,332.14	3,617.30	---	---	133.35	---	---	---	---	22,620.85
Gillespie	28,524.70	20,725.07	49,250.77	226.55	---	720.76	---	25,682.61	---	26,629.92	---

LOCAL ROADS AND STREETS

Gilman	5,952.53	9,895.56	15,848.09	5,962.00			798.30			3,023.70		9,784.00	6,064.09
Girard	3,679.74	10,069.78	13,749.52				465.00			8,476.67		8,941.67	4,807.85
Gladstone	1,986.13	2,067.36	4,053.49										4,053.49
Glasford	2,531.14	5,876.94	8,408.08							4,068.19		3,778.26	4,629.82
Glasgow	699.62	964.02	1,663.64										1,663.64
Glen Carbon	3,994.86	7,206.81	11,201.67	460.00			35.00			1-35.00		797.79	10,403.88
Glencoe	97,257.85	60,813.51	158,071.36				3,108.34			15,724.89		84,680.22	73,391.14
Glen Ellyn	17,443.72	92,753.39	110,197.11							45,894.91		94,654.23	15,542.78
Glendale Heights	906.67	10,022.86	10,929.53							3,328.00		3,328.00	7,601.53
Glendale View	288,866.45	115,809.33	404,675.78							18,283.00		18,283.00	386,392.78
Glenwood	12,950.49	5,122.00	18,072.49				440.93			7,022.15		7,463.08	10,609.41
Godley	2,144.71	563.31	2,708.02				550.93			4,275.08		4,826.01	2,708.02
Golconda	10,040.73	5,017.47	15,058.20										10,232.19
Golden	288.22	2,851.36	3,139.58										3,139.58
Golden Gate	1,525.14	905.93	2,431.07							384.16		384.16	2,046.91
Golf	3,648.44	2,375.17	6,023.61										6,023.61
Goodfield	3,555.86	1,660.87	5,216.73							633.18		3,726.18	1,490.55
Good Hope	728.15	2,288.06	3,016.21				89.44			1,762.29		1,851.73	1,164.48
Goreville	5,725.10	3,629.53	9,354.63							5,144.82		5,144.82	4,209.81
Gorham	5,868.55	2,195.15	8,063.70				811.20			335.31	130.67	6,657.83	1,405.87
Grafton	14,170.63	6,295.06	20,465.69				500.00					3,869.70	16,595.99
Grand Ridge	5,854.46	3,826.97	9,681.43				359.18			3,277.58		3,636.76	6,044.67
Grand Tower	3,986.90	4,918.74	8,905.64				462.28			4,853.26		4,815.54	4,090.10
Grandview	13,548.54	12,857.29	26,405.83						3,415.82	14,111.79		17,527.61	8,878.22
Granite City	381,550.72	232,713.91	614,264.63	242,220.71			46,195.75			146,717.71		435,134.17	179,130.46
Grantfork	2,003.29	778.17	2,781.46										2,781.46
Grant Park	2,000.17	4,396.09	6,396.26										6,396.26
Granville	985.37	6,086.00	7,071.37				209.76		3,097.50	1,664.36		4,971.62	2,099.75
Grays Lake	2,507.17	21,846.87	24,354.04				35.00			12,950.73		12,985.73	11,368.31
Grayville	12,042.73	13,240.53	25,283.26				548.97			6,415.87		6,964.84	18,318.42
Greenfield	6,725.87	6,178.92	12,904.79										12,904.79
Green Oaks	1,151.89	2,218.38	3,370.27							1,087.50		1,087.50	2,282.77
Green Rock	9,542.91	15,546.00	25,088.91				507.63		5,525.00	6,558.83		12,591.46	12,497.45
Greenup	1,529.03	8,577.30	10,106.33				75.17		6,198.00	2,467.51		8,740.68	1,365.65
Green Valley	2,922.32	3,205.61	6,127.93						5,750.00			5,750.00	377.93
Greenvew	2,188.69	4,622.55	6,811.24						1,210.00			1,210.00	5,601.24
Greenville	12,239.18	26,533.31	38,772.49	2,634.50					11,087.50	5,138.22		18,860.22	19,912.27
Gridley	10,287.90	5,162.63	15,450.53				1,138.60			7,811.27		15,066.07	384.46
Griggsville	2,098.85	7,200.99	9,299.84				173.09		3,600.55	3,043.94	32.17	6,849.75	2,450.09
Gulf Port	1,680.17	1,242.76	2,922.93										2,922.93
Gurnee	37,216.65	10,633.06	47,849.71				456.08			11,300.59		12,430.77	35,418.94
Hainesville	956.98	766.58	1,723.56	674.10						285.10		285.10	1,438.46
Hamburg	799.49	1,533.11	2,332.60				1-11.91			11.91			2,332.60
Hamel	7,627.31	2,102.21	9,729.52				330.08		1,350.00	3,078.06		4,758.14	4,971.38
Hamilton	434.40	12,938.54	13,372.94				598.46			12,157.95		12,756.41	616.53
Hamletsburg	1,381.21	621.38	2,002.59										2,002.59
Hammond	582.92	2,735.21	3,318.13							2,263.85		2,263.85	1,054.28
Hampshire	9,317.04	7,601.68	16,918.72				688.82			6,609.34		7,298.16	9,620.56
Hampton	8,145.88	4,308.98	12,454.86				292.52			3,738.90		4,031.42	8,423.44
Hanaford	898.90	1,678.31	2,577.21							896.64	26.90	923.54	1,653.67
Hanna City	1,815.84	6,132.45	7,948.29				322.11			4,867.86		5,189.97	2,758.32
Hanover	17,291.85	8,106.91	25,398.76	16,775.62			2,380.36		4,757.26	917.50		24,830.74	568.02
Hanover Park	5,113.95	15,357.82	20,471.77										20,471.77
Hardin	2,307.53	6,039.53	8,347.06				142.30		3,395.00	2,846.00		6,383.30	1,963.76

LOCAL ROADS AND STREETS

TABLE 62.—Continued.

Municipality	Balance Available Jan. 1, 1963	Allotted During 1963	Total Available During 1963	Disbursed for						Total Disbursed During 1963	Balance on Hand Dec. 31, 1963
				Construction	Right-of-way	Engineering	Municipal indebtedness	Maintenance	Treasurers' Fees and Miscellaneous		
Harmon	871.75	1,242.76	2,114.51	16,556.53		2,236.46		12,811.87		31,604.86	2,114.51
Harrisburg	5,527.48	53,258.27	58,785.75			1,725.54		4,845.19	1—15.71	6,555.02	27,180.89
Hartford	21,875.10	13,676.07	35,551.17					1,266.44		1,266.44	28,996.15
Hartburg	859.17	1,742.18	2,601.35					8,850.25		47,956.10	1,334.91
Harvard	48,930.44	24,669.18	73,599.62	35,023.40		4,082.45		1,156.77		1,156.77	25,043.52
Harvel	478.54	1,655.07	2,133.61	115,694.00		10,125.60		2,134.80		127,954.40	976.84
Harvey		168,822.56	168,822.56				71,366.17			71,366.17	40,868.16
Harwood Heights	35,187.32	36,178.85	71,366.17				21,546.59	7,027.87		28,876.72	78,528.92
Havana	82,068.58	25,337.06	107,405.64			302.26		644.04		644.04	2,357.42
Hawthorn Woods	1,352.19	1,649.27	3,001.46					9,232.71		58,658.88	
Hazel Crest	12,386.71	46,272.17	58,658.88	21,600.55		214.40	27,611.22	1,360.00		11,357.60	
Hebron	16,462.96	4,070.89	20,533.85	9,929.60		68.00					
Hecker	195.66	1,817.66	2,013.32								9,176.25
Henderson	415.88	1,231.13	1,647.01					1,034.27		1,034.27	2,013.32
Hennepin	5,274.03	2,270.63	7,544.66								612.74
Henning	112.28	1,573.77	1,686.05								7,544.66
Henry	7,947.04	13,228.91	21,175.95	17,547.23		1,834.48		1,416.58		1,416.58	269.47
Herrick	227.23	2,555.20	2,782.48			79.16		1,794.24		21,175.95	
Herrin	7,054.25	55,017.88	62,072.13			737.38	28,892.28	25,707.77		2,069.52	712.96
Herscher	1,141.89	3,821.17	4,963.06							55,337.43	6,731.70
Hettick	2,076.14	1,469.23	3,545.37								4,963.06
Heyworth	5,122.68	6,945.47	12,068.15			1,148.56				2,020.04	1,525.33
Hickory Hills	58,623.81	15,720.21	74,344.02	51,968.67		3,000.00				1,148.56	10,919.59
Hidalgo	248.33	731.71	980.04					418.81		54,968.67	19,375.35
Highland	43,820.63	28,705.25	72,525.88	1—8,616.46		2,020.93		24,127.35	1—353.35	17,178.47	55,347.41
Highland Park	402,690.44	148,270.68	550,961.12	149,546.78	198.29	10,060.86		100,792.63		260,598.56	290,362.56
Highwood	57,558.43	26,126.82	83,685.25			7,558.04	2,544.00			10,102.04	73,583.21
Hillcrest	680.42	1,300.83	1,981.25								1,981.25
Hillsboro	34,056.73	24,576.31	58,633.04			1,046.82	3,660.01	26,254.02		27,300.84	31,332.20
Hillsdale	1,014.31	2,845.56	3,859.87				44,832.50			3,660.01	199.86
Hillside	70,097.57	45,261.70	115,359.27							44,832.50	70,526.77
Hillview	602.70	1,771.21	2,373.91								2,373.91
Hinckley	12,156.98	5,458.81	17,615.79			461.28	1,815.48	4,225.37		6,502.13	11,113.66
Hindsboro	228.76	2,183.51	2,412.27					2,091.00		2,091.00	321.27
Hinsdale	71,500.67	77,817.14	149,317.81	58,022.09		10,637.22				68,659.31	80,658.50
Hodgkins	40,391.34	6,538.95	46,930.29	31,386.27		2,524.97		3,347.50	1,490.35	38,749.09	8,181.20
Hoffman	6,607.34	1,364.71	7,972.05			6,003.67				6,003.67	1,968.38
Hoffman Estates	8,608.93	67,317.77	75,926.70	43,389.75		7,198.22		25,338.73		75,926.70	
Hollowayville	870.30	557.50	1,427.80								1,427.80
Homer	12,687.87	7,410.05	20,097.92					2,109.98	21.10	2,131.08	17,966.84
Hometown	70,398.18	43,432.43	113,830.61	36,942.15		7,271.04		24,775.73		68,988.92	44,841.69
Homewood	107,931.09	82,102.54	190,033.63	63,547.29		7,027.66		28,845.83		99,420.78	90,612.85

LOCAL ROADS AND STREETS

Hoopeston	3,129.63	38,262.69	527.08	5,093.82			5,620.92	35,871.40
Hooppole	1,925.07	1,318.25						3,243.32
Hopedale	1,813.73	4,279.94			4,562.61		4,562.61	1,531.06
Hoyleton	5,587.76	2,758.44				6,171.34	6,323.48	2,022.72
Hudson	1,011.93	2,862.97				3,243.30	3,309.01	565.89
Huey	692.22	1,231.14				1,262.48	1,281.42	641.94
Hull	4,169.78	3,106.89				56.21	57.33	7,219.34
Humboldt	2,031.36	1,986.07				3,659.90	3,733.10	284.33
Hume	1,196.78	2,607.47				85.37	85.37	3,718.88
Humphrey	930.64	3,751.50				674.37	688.13	3,994.01
Huntley	9,941.81	6,637.67	9,359.90					7,219.58
Hurst	2,530.01	5,011.65		681.01		6,614.63	9,359.90	246.02
Hutsonville	526.87	3,385.62		237.61	1,168.75	1,970.42	7,295.64	535.71
Illioolis	2,861.44	5,778.22					3,376.78	8,639.66
Ina	39.45	1,928.01				1,846.80	1,883.74	83.72
Indian Creek	1,871.70	1,387.91						3,259.61
Indian Head Park	1,532.36	2,235.79						3,768.15
Indianola	1,377.21	1,713.14				1,784.30	1,784.30	1,306.05
Industry		2,984.94				404.04	404.04	2,580.90
Inverness	519.11	6,040.44						6,559.55
Iola	1,005.20	900.13				1,523.02	1,523.02	382.31
Ipava	642.79	3,617.92						4,260.71
Iroquois	183.74	1,341.48						1,525.22
Irving	342.90	3,310.13						1,249.26
Irvington	3,017.99	2,247.41		122.37		2,367.71	2,403.77	1,574.39
Irwin	1,818.46	534.27				3,496.26	3,691.01	2,352.73
Island Lake	8,769.81	9,518.09						12,431.76
Itasca	27,737.82	20,697.03	36,957.24				5,855.14	2,424.98
Iuka	502.20	2,195.15					46,009.87	1,963.67
Ivesdale	2,085.07	2,090.61						4,175.68
Jacksonville	103,239.68	125,959.25		15,038.59		14,612.24	29,650.83	199,548.10
Jeffersonville	733.92	1,916.39				2,211.45	2,211.45	438.86
Jeisyville	495.69	981.44				336.68	336.68	1,140.45
Jerome	42,301.18	9,674.86		417.31		1,157.83	1,575.14	50,490.90
Jerseyville	17,059.17	43,089.80		1,482.03		38,572.34	40,054.37	20,094.60
Jewett	139.33	1,382.12		60.15		1,245.64	1,331.91	189.54
Johnsonville	291.96	557.49				631.17	631.17	218.28
Johnston City		22,596.00		849.93	10,394.51	11,351.56	22,596.00	
Joliet	367,774.19	412,274.07	370,600.05	58,921.69	100,021.29	223,118.38	780,048.26	
Jonesboro	24,799.50	9,500.67		200.00		4,170.05	4,370.05	29,930.12
Joppa	8,947.79	3,355.59				2,545.37	2,596.28	9,708.10
Joy	3,493.55	2,921.04		136.30		6,278.29	6,414.59	
Junction	579.56	1,882.12				1,148.54	1,148.54	813.14
Junction City	231.51	1,829.27				2,005.82	2,005.82	54.96
Justice	75,111.75	16,277.70						91,389.45
Kampsville	8,447.80	2,630.67		357.43		7,148.72	7,505.15	3,572.32
Kane	1,644.07	2,723.58		100.00		3,381.64	3,481.64	886.01
Kangley	1,534.93	1,534.55		248.91		1,967.47	2,260.71	824.77
Kankakee	168,924.58	160,663.36	149,402.25	13,921.00	10,541.79	32,140.50	206,005.54	123,582.40
Kansas	6,088.97	4,732.89			5,976.00	492.32	6,468.32	4,353.54
Kappa	1,945.51	691.08		170.39		1,486.00	1,656.39	980.20
Karnak	15,375.31	3,873.44		2,888.84		1,658.67	4,547.51	14,701.24
Kaskaskia	351.25	563.31						914.56
Kenes	531.83	662.01				292.97	292.97	900.87
Kensburg	1,679.04	1,527.30				1,224.34	1,248.83	1,957.51

LOCAL ROADS AND STREETS

TABLE 62.—Continued.

Municipality	Balance Available Jan. 1, 1963	Allotted During 1963	Total Available During 1963	Disbursed for						Total Disbursed During 1963	Balance on Hand Dec. 31, 1963
				Construction	Right-of-way	Engineering	Municipal indebtedness	Maintenance	Treasurers' Fees and Miscellaneous		
Keithsburg	7,023.68	5,592.37	12,616.05					6,426.65		6,426.65	6,189.40
Kell	1,508.13	1,126.63	2,634.76			71.19		681.38		752.57	1,882.19
Kempton	2,370.51	1,463.43	3,833.94								3,833.94
Kenilworth	25,802.98	17,183.67	42,986.65	1-148.00		148.00	1,608.38	5,560.80		7,169.18	35,817.47
Kenney	1,110.10	2,322.91	3,433.01					3,000.00		3,000.00	433.01
Kewanee	77,154.95	94,797.57	171,952.52	94,998.25		14,245.33	29,402.29	29,293.45		167,939.32	4,013.20
Keysport	754.59	2,392.60	3,147.19					926.66	18.53	945.19	2,202.00
Kilbourne	1,562.65	2,044.14	3,606.79					776.56		776.56	2,830.23
Kildeer	1,660.47	1,004.65	2,665.12								2,665.12
Kincaid	6,824.03	8,966.39	15,790.42			313.36		7,832.64		8,146.00	7,644.42
Kinderhook	4,428.22	1,602.80	6,031.02					2,563.00	51.26	2,614.26	3,416.76
Kingston	3,998.84	2,357.74	6,356.58								6,356.58
Kingston Mines	1,624.04	2,177.72	3,801.76			248.66		2,304.33		2,552.99	1,248.77
Kinmundy	2,020.86	4,721.30	6,742.16					6,388.29		6,388.29	353.87
Kinsman	402.29	778.16	1,180.45					85.00		85.00	1,095.45
Kirkland	833.68	5,389.12	6,222.80	698.85		62.90				761.75	5,461.05
Kirkwood	4,570.99	4,477.38	9,048.37					61.79		61.79	8,986.58
Knoxville	5,093.99	14,866.56	19,960.55			200.55		10,654.00		10,854.55	9,106.00
Lacon	30,113.65	12,630.77	42,744.42			5,101.12	886.23	201.06		6,188.41	36,556.01
Ladd	3,127.66	7,288.10	10,415.76			25.13	5,662.11	502.66		6,189.90	4,225.86
LaFayette	183.16	1,562.16	1,745.32			200.00		1,361.01		1,561.01	184.31
LaGrange	109,784.85	93,358.17	203,143.02	719.50		445.42		60,971.75		62,136.67	141,006.35
LaGrange Park	34,733.56	80,897.62	115,631.18			1,123.88	40,440.00	32,003.83		73,567.71	42,063.47
Lallarpe	539.33	7,677.18	8,216.51			339.61		7,547.02		7,886.63	329.88
Lake Barrington	1,650.88	998.85	2,649.73								2,649.73
Lake Bluff	97,340.89	20,290.53	117,631.42	33,909.15						33,909.15	83,722.27
Lake Forest	31,733.00	62,062.08	93,795.08	31,476.44		594.55		14,849.75		46,920.74	46,874.34
Lake in the Hills	10,494.19	11,881.64	22,375.83			237.86		4,757.25		4,995.11	17,380.72
Lakemoor	4,389.20	4,274.13	8,663.33			784.22		3,137.82		8,663.33	
Lake Villa	6,323.25	5,243.96	11,567.21	4,741.29		603.56		5,832.16		6,435.72	5,131.49
Lakewood	479.47	3,687.61	4,167.08								4,167.08
Lake Zurich	23,129.62	20,081.46	43,211.08			896.80	2,088.12	10,850.39		13,835.31	29,375.77
LaMoille	4,307.23	3,803.75	8,110.98			306.69		6,428.33		6,735.02	1,375.96
Lanark		8,554.08	8,554.08	2,347.95		358.14				2,706.09	5,847.99
Lansing		112,463.19	112,463.19	59,262.59		6,230.00	46,970.60			112,463.19	
LaPrairie		667.83	693.35					521.23		521.23	172.12
LaRose	25.52	1,114.98	4,496.59								4,496.59
LaSalle		69,088.86	69,088.86	60,194.63		8,894.23				69,088.86	
Latham	2,633.83	2,259.01	4,892.84			196.38		4,005.50		4,201.88	690.96
Lawrenceville	42,770.95	35,633.28	78,404.23	53,778.89		5,934.34		7,353.38		67,066.61	11,337.62
Leaf River		3,170.77	3,170.77	1,820.06		1,350.71				3,170.77	

LOCAL ROADS AND STREETS

Lebanon.....	5,268.29	16,626.16	21,894.45	---	---	11,208.06	6,000.00	---	---	17,208.06	4,686.39
Lee.....	2,531.42	1,324.06	3,855.48	---	---	---	1,792.42	---	---	1,998.67	1,856.81
Leesville.....	2,575.19	3,124.29	5,699.48	---	---	---	---	---	---	2,354.48	3,345.00
Leland.....	385.15	3,728.25	4,113.40	---	---	---	---	---	---	---	4,113.40
Leland Grove.....	32,713.29	10,052.36	42,765.65	---	---	---	---	---	---	---	36,255.65
Lemont.....	69,931.73	19,727.22	89,658.95	---	---	---	---	---	---	---	54,024.21
Lena.....	15,433.17	9,012.83	24,446.00	---	---	---	---	---	---	---	24,446.00
Lenzburg.....	2,523.04	2,439.06	4,962.10	---	---	---	---	---	---	---	3,549.70
Leonore.....	673.48	1,132.43	1,805.91	---	---	---	---	---	---	---	233.20
Lerna.....	1,019.72	1,718.94	2,738.66	---	---	---	---	---	---	---	1,849.83
LeRoy.....	3,995.29	12,125.56	16,120.85	---	---	---	---	---	---	---	9,601.13
Lewistown.....	5,063.53	15,116.26	20,179.79	---	---	7,762.50	---	---	---	---	---
Lexington.....	11,881.34	7,224.23	19,105.57	---	---	---	---	---	---	---	---
Liberty, Adams.....	4,498.78	1,974.46	6,473.24	---	---	---	---	---	---	---	---
Liberty, White.....	404.93	685.26	1,090.19	---	---	---	---	---	---	---	---
Libertyville.....	47,001.42	49,710.07	96,711.49	8.00	2,222.25	29,690.55	1,008.23	20,390.13	---	---	---
Lilly Lake.....	129.71	---	129.71	---	---	---	---	---	---	---	---
Lima.....	437.48	929.15	1,366.63	---	---	---	---	---	---	---	---
Lincoln.....	118,906.22	98,084.45	216,990.67	6,008.37	4,238.52	---	---	---	---	---	---
Lincolnshire.....	1,224.67	4,325.92	5,550.59	---	---	---	---	---	---	---	---
Lincolnwood.....	117,995.67	68,200.35	186,196.02	---	---	---	---	---	---	---	---
Lindenhurst.....	10,629.96	8,864.58	19,494.54	---	---	---	---	---	---	---	---
Lisbon.....	2,958.11	1,358.90	4,317.01	---	---	---	---	---	---	---	---
Lisle.....	14,060.02	24,500.79	38,560.81	---	---	---	---	---	---	---	---
Litchfield.....	87,815.07	42,567.13	130,382.20	---	---	---	---	---	---	---	---
Littleton.....	331.05	1,022.07	1,353.12	---	---	---	---	---	---	---	---
Little York.....	156.54	1,910.58	2,067.12	---	---	---	---	---	---	---	---
Liverpool.....	91.37	1,068.53	1,159.90	---	---	---	---	---	---	---	---
Livingston.....	145.90	5,598.17	5,744.07	---	---	---	---	---	---	---	---
Loami.....	1,513.42	2,613.28	4,126.70	---	---	---	---	---	---	---	---
Lockport.....	89,114.25	43,902.81	124,017.06	---	---	---	---	---	---	---	---
Loda.....	7,381.96	3,397.25	10,779.21	---	---	---	---	---	---	---	---
Lomax.....	173.12	3,106.89	3,280.01	---	---	---	---	---	---	---	---
Lombard.....	68,361.69	146,900.18	215,261.87	---	---	---	---	---	---	---	---
London Mills.....	3,838.09	3,583.08	7,421.17	---	---	---	---	---	---	---	---
Long Grove.....	2,728.82	4,500.61	7,229.43	---	---	---	---	---	---	---	---
Long Point.....	3,017.41	1,782.83	4,800.24	---	---	---	---	---	---	---	---
Long View.....	555.21	1,567.98	2,123.19	---	---	---	---	---	---	---	---
Lorraine.....	74.86	1,759.60	1,834.46	---	---	---	---	---	---	---	---
Lorain.....	1,818.54	2,671.33	4,489.87	---	---	---	---	---	---	---	---
Louiseville.....	602.76	5,261.37	5,864.13	---	---	---	---	---	---	---	---
Loves Park.....	73,800.98	52,764.64	126,565.62	---	---	---	---	---	---	---	---
Lovington.....	13,515.10	6,968.70	20,483.80	---	---	---	---	---	---	---	---
Ludlow.....	3,420.09	2,671.33	6,091.42	---	---	---	---	---	---	---	---
Lyndon.....	3,544.83	3,931.51	7,476.34	---	---	---	---	---	---	---	---
Lynnville.....	248.48	563.30	811.78	---	---	---	---	---	---	---	---
Lyons.....	49,150.25	57,700.84	106,851.09	---	---	---	---	---	---	---	---
Macedonia.....	64.51	557.49	622.00	---	---	---	---	---	---	---	---
Mackinaw.....	16,274.51	6,753.84	23,028.35	---	---	---	---	---	---	---	---
Macomb.....	105,811.08	70,470.99	176,282.07	---	---	---	---	---	---	---	---
Macon.....	1,584.26	7,137.09	8,721.35	---	---	---	---	---	---	---	---
Madison.....	56,650.31	39,843.54	96,493.85	---	---	---	---	---	---	---	---

LOCAL ROADS AND STREETS

TABLE 62.—Continued.

Municipality	Balance Available Jan. 1, 1963	Allotted During 1963	Total Available During 1963	Disbursed for						Total Disbursed During 1963	Balance on Hand Dec. 31, 1963
				Construction	Right-of-way	Engineering	Municipal indebtedness	Maintenance	Treasurers' Fees and Miscellaneous		
Maeystown	2,013.49	917.55	2,931.04								2,931.04
Magnolia	4,844.20	1,422.77	6,266.97								6,266.97
Mahomet	10,838.66	7,938.51	18,777.17								10,914.25
Makanda	3,643.21	952.36	4,595.57					7,862.92		7,862.92	3,072.75
Malden	3,463.84	1,498.27	4,962.11	442.20		90.92		1,522.82		1,522.82	4,428.99
Malta	1,205.82	4,541.27	5,747.09			348.47		5,361.95		5,361.95	36.67
Manchester	1,485.37	1,637.65	3,123.02								3,123.02
Manhattan	18,474.13	6,486.69	24,960.82				6,486.69	900.00		7,386.69	17,574.13
Manito	7,914.19	6,347.32	14,261.51								14,261.51
Manlius	2,713.18	2,171.93	4,885.11								4,885.11
Mansfield	1,063.11	4,314.79	5,377.90			195.00		3,332.92		3,527.92	1,849.98
Manteno	5,377.65	12,921.14	18,298.79	15,370.10		1,242.15		1,686.54		18,298.79	3,530.70
Maple Park	8,884.83	3,437.90	12,322.73	7,992.75		799.28				8,792.03	2,037.36
Mapleton	1,763.03	1,794.44	3,557.47			141.14		1,378.97		1,520.11	8,328.64
Maquon	6,087.03	2,241.61	8,328.64								17,084.85
Marengo	11,586.55	20,720.27	32,306.82			495.12	1—200.00	14,920.85		15,215.97	196.20
Marietta	152.39	1,167.24	1,319.63					1,123.43		1,123.43	691.25
Marine	4,219.55	4,721.28	8,940.83			193.68		8,055.90		8,249.58	67,260.48
Marion	8,987.07	65,470.92	74,457.99	792.08		637.29		5,768.14		9,003.04	8,133.06
Marissa	7,136.02	10,000.08	17,136.10							2,324.13	1,791.00
Mark	1,530.90	2,584.23	4,115.13	2,143.05		181.08		3,033.04		28,579.58	88,748.34
Markham	49,359.89	67,968.03	117,327.92			1,132.03	9,500.00	17,947.55		5,085.74	6,618.04
Maroa	4,531.82	7,171.96	11,703.78	1—87.86		884.98	395.00	3,893.62		15,378.42	21,582.64
Marquette Heights	22,344.20	14,616.86	36,961.06			821.63		14,556.79		18,940.49	11,973.16
Marseilles	5,669.54	25,244.11	30,913.65	15,931.20		3,023.27		1—13.98		20,709.53	9,849.38
Marshall	11,569.19	18,989.72	30,558.91					9,381.66		12,136.72	3,373.89
Martinsville	7,665.03	7,845.58	15,510.61					3,834.53		4,265.52	1,280.77
Martinton	3,722.83	1,823.46	5,546.29			437.99		1,823.92	39.95	1,997.54	6,128.58
Maryville	4,206.22	3,919.90	8,126.12			133.67		17,186.79		17,868.36	12,815.24
Mascoutah	9,632.34	21,051.26	30,683.60			681.57		1,940.38		1,940.38	486.57
Mason	498.94	1,928.01	2,426.95					10,920.35		10,920.35	15,858.51
Mason City	14,235.19	12,543.67	26,778.86								6,459.96
Mathersville	2,905.92	3,554.04	6,459.96								3,257.93
Matteson	22,299.55	18,728.38	41,027.93				37,770.00	24,366.01		58,939.89	148,220.99
Mattoon	96,312.11	110,848.77	207,160.88			6,810.37		1,700.74	68.03	1,768.77	2,479.70
Maunie	2,140.43	2,108.04	4,248.47			1,263.80				25,301.78	445,624.46
Maywood	312,214.10	153,712.14	470,926.24	20,537.98		225.54	3,500.00	948.80		1,173.60	2,792.74
Mazon		3,966.34	3,966.34	948.06		534.97				1,483.27	15,776.47
McCook	14,698.74	2,561.00	17,259.74								9,965.05
McClum Lake	5,557.36	4,407.69	9,965.05								3,575.87
McHenry	6,502.32	19,372.99	25,875.31	10,798.05		1,229.81	10,271.58			22,299.44	

LOCAL ROADS AND STREETS

McLean	3,734.25	4,401.89	8,136.14	40	1--40	2,700.62	10,627.93	20,879.01	8,136.14
McLeansboro	30,415.72	17,137.20	47,552.92	6,576.40	974.06			682.75	26,673.91
McNabb		1,022.07	1,022.07	682.75				343.17	339.32
Mechanicsburg	4,382.28	2,485.49	6,867.77						6,524.60
Media	1,453.03	953.20	2,411.23					2,391.42	2,411.23
Medora	820.23	2,595.84	3,416.07					14,980.44	1,024.65
Melrose Park	31,618.70	129,449.40	161,068.10	13,903.98	1,076.46				146,087.66
Melvin	986.70	3,246.25	4,232.95					2,335.69	4,232.95
Mendon	10,949.33	4,552.89	15,502.22		116.81			2,452.50	13,049.72
Mendota		35,737.84	35,737.84	5,507.17	2,007.57	10,651.20		35,737.84	
Menominee	2,043.38	1,109.18	3,152.56						3,152.56
Merodisia	425.69	6,004.72	6,430.41		238.53			4,489.00	1,941.41
Merrionette Park	9,612.06	13,670.26	23,282.32	3,412.08	1,163.86	5,925.00		14,753.44	8,528.88
Metamora	3,798.58	10,499.50	14,298.08	2,207.08	1,409.85	5,823.09		9,440.02	4,858.06
Metcalfe	1,721.77	1,614.42	3,336.19					2,789.46	546.73
Metropolis	11,714.77	42,619.41	54,334.18			8,218.38		8,218.38	46,115.80
Mettawa	1,499.25	708.49	2,207.74						2,207.74
Middletown	5,298.68	3,153.35	8,452.03		283.86			5,570.34	2,597.83
Midlothian	70,045.07	50,807.64	120,852.71			12,480.00		12,480.00	108,372.71
Milan	28,538.67	17,799.21	46,337.88		360.99			20,871.40	25,466.48
Milford	12,002.73	9,866.51	21,869.24		740.10			8,143.14	13,726.10
Mill Creek	2,771.38	592.34	3,363.72					941.79	2,421.93
Milledgeville	1,949.31	7,015.17	8,964.48						8,964.48
Millington	1,921.76	1,794.44	3,716.20		277.47			1,638.32	2,077.88
Mill Shoals	489.71	1,869.93	2,359.64					2,085.96	273.68
Millstadt	10,293.13	10,627.28	20,920.41					11,656.62	9,263.79
Milton	3,234.02	1,794.44	5,028.46					2,132.67	2,895.79
Mineral	1,011.93	1,916.39	2,928.32		117.82			1,134.41	1,793.91
Minier	10,290.09	4,918.74	15,208.83		380.49			9,826.59	5,382.24
Minook	11,549.61	11,620.30	23,169.91	8,990.90	701.30			13,116.89	10,053.02
Minooka	9,113.41	3,130.11	12,243.52	5,535.69	694.71			8,400.18	3,843.34
Modesto	1,362.05	1,324.06	2,686.11					224.00	2,462.11
Mokena	4,142.80	7,735.24	11,878.04					7,830.07	4,047.97
Moline	227,730.92	247,998.58	475,729.50	243,409.96	1,101.77			282,712.45	193,017.05
Monmouth	10,701.06	17,125.59	27,826.65		5,111.75	6,125.00		8,939.09	18,887.56
Monmouth	14,042.51	3,751.50	17,794.01		232.34				17,794.01
Montgomery	110,640.80	60,232.78	170,873.58		605.56			16,105.56	154,768.02
Monticello	20,856.79	1,881.55	22,738.34					2,367.02	22,738.34
Montrose	33,562.94	12,323.09	45,885.94		265.32			18,311.30	43,518.92
Morris	856.70	18,693.53	19,550.23			18,311.30			1,238.93
Morrison	3,236.78	1,858.31	5,095.09						5,095.09
Morrisonville	33,697.63	46,090.52	79,778.15	1--151.76	558.88			8,184.79	71,593.36
Morton	22,545.96	24,152.34	46,698.30					16,012.50	30,685.80
Morton Grove	6,181.19	6,556.37	12,737.56		311.98			7,236.88	5,500.68
Mound City	185,550.46	30,923.60	30,923.60			6,924.90		28,837.75	2,085.85
Mound Station	3,127.69	123,751.09	309,301.55	79,411.35	9,071.74	19,335.75		107,818.84	201,482.71
Mounds	624.36	9,692.30	12,819.99						12,819.99
Mount Clare	27,920.18	1,184.68	1,809.04					272.50	1,536.54
Mount Prospect	5,703.55	10,656.31	38,576.49			7,038.97		7,038.97	31,537.52
Moweaqua		1,858.32	7,561.87						7,561.87
Mt. Auburn	6,018.55	129,512.78	129,512.78	109,288.95	9,035.43			118,324.38	11,188.40
Mt. Carmel	1,840.08	9,372.90	15,391.45					7,652.73	7,738.72
Mt. Carroll	20,292.16	2,915.23	4,755.31		110.52			2,786.65	1,968.66
		49,907.50	70,199.66		1,022.52	17,630.36		40,703.61	29,496.05
		11,939.72	11,939.72	8,895.05	558.74			10,697.30	1,242.42

LOCAL ROADS AND STREETS

TABLE 62.—Continued.

Municipality	Balance Available Jan. 1, 1963	Allotted During 1963	Total Available During 1963	Disbursed for					Total Disbursed During 1963	Balance on Hand Dec. 31, 1963
				Construction	Right-of-way	Engineering	Municipal indebtedness	Maintenance		
Mt. Erie	638.46	778.17	1,416.63			339.27	11,828.74	1,092.43	1,092.42	324.20
Mt. Morris	23,561.22	17,857.30	41,418.52	3,785.00				5,149.50	21,102.51	20,316.01
Mt. Olive	3,901.42	13,327.64	17,229.06					3,245.69	3,245.69	13,983.37
Mt. Pulaski	16,263.18	9,808.43	26,071.61			825.27		11,112.91	11,938.18	14,133.43
Mt. Sterling	29,873.66	13,135.99	43,009.65			335.10		7,992.08	8,327.18	34,682.47
Mt. Vernon	67,989.03	90,395.67	158,384.70	103,500.00		8,500.00		42,970.42	154,970.42	3,414.28
Mt. Zion	1,342.10	5,371.70	6,713.80					5,709.25	5,709.25	1,004.55
Muddy	50.85	551.67	602.52					81.28	81.28	521.24
Mulberry Grove	3,812.81	4,326.40	8,139.21					4,355.52	4,355.52	3,783.69
Muncie	326.54	1,132.43	1,458.97					669.10	669.10	789.87
Mundelein	8,922.88	67,096.97	76,019.85	32,552.42		5,443.18	7,384.33	20,771.26	66,151.19	9,868.66
Murphysboro	59,698.13	50,366.28	110,064.41			465.26		1,888.18	2,353.44	107,710.97
Murrayville	3,944.20	2,566.80	6,511.00							6,511.00
Naperville	16,518.98	76,645.04	93,164.02	68,987.08		6,742.31			75,729.39	17,434.63
Naplate		4,285.76	4,285.76	3,973.42		312.34			4,285.76	
Naples	1,686.88	534.26	2,221.14					1,859.74	1,859.74	361.40
Nashville	5,318.96	15,133.69	20,452.65	1—1,226.74		1,411.30		3,862.79	4,047.35	16,405.30
Nason	30.22	1,091.77	1,121.99					1,107.00	1,107.00	14.99
National City	7,457.01	679.45	8,136.46							8,136.46
Nauvoo	1,326.79	6,033.73	7,360.52			369.00		5,669.90	6,038.90	1,321.62
Nebo	2,406.28	2,561.00	4,967.28					801.70	801.70	4,165.58
Nelson	11,113.12	1,643.47	12,756.59	8,116.55		628.77		1—130.87	8,614.45	4,142.14
Neoga	2,195.69	6,649.29	8,844.98			250.32		5,527.60	5,777.92	3,067.06
Neponset	1,994.95	2,874.59	4,869.54			285.86		2,748.50	3,034.36	1,835.18
Newark	163.00	2,839.75	3,002.75							3,002.75
New Athens	27,808.67	11,167.35	38,976.02			757.33		17,345.91	18,103.24	20,872.78
New Baden	15,724.37	8,501.80	24,226.17			559.69		4,717.49	4,717.49	19,508.68
New Bedford		964.02	964.02	962.60		1.42			964.02	
New Berlin	1,485.38	3,641.15	5,126.53							5,126.53
New Boston	6,435.74	4,216.06	10,651.80			271.13		2,528.87	2,800.00	7,851.80
New Burnside	1,344.70	1,318.25	2,662.95					641.09	654.17	2,008.78
New Canton	2,043.76	2,607.45	4,651.21							4,651.21
New Douglas	107.03	2,131.26	2,238.29				850.00	1,090.97	1,940.97	297.32
New Grand Chain	2,906.35	1,637.65	4,544.00					3,658.50	3,658.50	885.50
New Haven	8,867.09	3,728.24	12,595.33			434.42		5,208.69	5,643.11	6,952.22
New Holland	3,181.17	1,823.46	5,004.63			121.95		3,048.75	3,170.70	1,833.93
New Lenox	2,846.48	10,162.69	13,009.17					2,950.00	2,950.00	10,059.17
Newman	5,013.27	6,370.55	11,383.82					4,811.19	4,811.19	6,572.63
New Minden	1,652.87	964.02	2,616.89					1,078.54	1,078.54	1,538.35
New Salem	647.57	998.84	1,646.41					46.65	46.65	1,599.76
Newton	21,503.35	16,846.53	38,350.18	23,579.04		3,149.74		3,553.88	30,282.66	8,067.52
Niantic	1,409.82	3,652.76	5,062.58					3,782.87	3,782.87	1,279.71
Niles	333,901.96	145,605.16	479,507.12	107,360.00		15,200.00	28,924.72	3,200.00	154,684.72	324,822.40

LOCAL ROADS AND STREETS

Nilwood	800.48	1,591.18	2,391.66				1,310.40		1,081.26
Noble	3,329.74	4,419.32	7,749.06				4,540.00		3,209.06
Nokomis	12,176.03	14,378.75	26,554.78				9,213.24		17,341.54
Nora	452.17	1,329.85	1,782.02						1,782.02
Normal	13,834.21	77,567.43	91,401.64						62,614.77
Norridge	23,063.00	81,806.74	104,869.74						66,016.38
Norris	148.08	1,782.83	1,930.91						219.62
Norris City	3,890.47	7,218.41	11,108.88					1-244.22	4,076.23
North Aurora	24,433.15	15,467.81	39,900.96						28,539.80
North Barrington	4,454.65	4,956.69	9,411.34						6,145.82
North Chicago	110,359.30	294,141.83	404,501.13						110,462.17
North Chillicothe	14,471.10	13,118.56	177,947.32					236.64	15,521.04
North City	5,243.28	2,102.22						28.78	5,877.82
Northlake	38,878.99	71,533.70							82,403.77
North Pekin	15,335.96	11,739.69	27,095.65						21,894.42
North Riverside	47,173.68	48,590.46	95,764.14						22,789.34
North Utica	4,352.43	5,888.56	10,240.99						6,131.91
Northbrook	109,801.44	67,567.35	177,368.79						103,422.88
Northfield	70,157.22	23,258.03	93,415.25						93,415.25
North Henderson	2,098.05	1,219.52	3,317.57						527.82
Norwood	5,500.52	3,635.34	9,135.86						5,617.69
Oakbrook Terrace	7,646.49	6,509.92	14,156.41						14,156.41
Oakford	2,491.73	1,747.98	4,239.71						4,239.71
Oak Forest	21,393.63	33,972.40	55,366.03						5,851.43
Oak Grove	4,068.28	830.44	4,898.72						4,898.72
Oak Grove Park	5,355.30	1,376.32	6,731.62						936.02
Oakland	7,220.04	5,453.00	12,673.04						5,614.09
Oak Lawn	101,970.95	182,788.99	284,759.94						220,202.88
Oak Park	482,886.13	354,782.31	837,668.44						79,959.94
Oakwood	2,292.16	5,000.04	7,292.20						1,079.30
Oakwood Hills	2,212.21	1,236.95	3,449.16						3,449.16
Oblong	18,874.56	10,551.78	29,426.34					451.32	6,409.13
Oconee	1,332.04	1,492.47	2,824.51						191.08
Odell	2,290.56	5,435.57	7,726.13						5,026.13
Odin	1,228.83	7,212.60	8,441.43						208.58
O'Fallon	32,178.17	26,103.76	58,281.93						15,883.63
Ogden	4,075.15	2,990.74	7,065.89						7,065.89
Oglesby		24,477.57	24,477.57						11,529.31
Ohio	6,506.99	2,839.74	9,346.73						2,811.95
Ohlman	394.59	1,248.57	1,643.16						1,209.98
Okawville	9,147.08	5,406.53	14,553.61						3,008.84
Old Marissa	2,487.58	1,260.18	3,747.76						3,937.92
Old Mill Creek	1,213.08	865.28	2,078.36						2,078.36
Old Ripley	1,256.90	871.07	2,127.97						1,547.41
Old Shawneetown	3,865.00	2,514.54	6,379.54						2,577.31
Olmsted	299.62	2,758.44	3,058.06						2,411.84
Olney	28,923.89	50,987.63	79,911.52						28,381.70
Olympia Fields	6,898.81	9,031.09	15,929.90						5,752.90
Omaha	1,117.11	1,811.88	2,928.99						2,928.99
Onarga	31,902.06	8,112.72	40,014.78						11,141.20
Oneida	7,238.73	3,902.47	11,141.20						16,063.87
Oquawka	9,733.97	6,329.90	16,063.87						

LOCAL ROADS AND STREETS

TABLE 62.—Continued.

Municipality	Balance Available Jan. 1, 1963	Allotted During 1963	Total Available During 1963	Disbursed for					Treasurers' Fees and Miscellaneous	Total Disbursed During 1963	Balance on Hand Dec. 31, 1963
				Construction	Right-of-way	Engineering	Municipal Indebtedness	Maintenance			
Orangeville	7,242.45	2,851.38	10,093.83			380.73		3,492.10		3,872.83	6,221.00
Oreana	687.32	2,694.57	3,381.89					2,785.20		2,785.20	596.69
Oregon		21,672.66	21,672.66	16,072.44						16,072.44	5,600.22
Orient	5,384.67	3,414.65	8,799.32			576.78		5,979.93		6,556.71	2,242.61
Orion	11,901.23	7,369.40	19,270.63			381.76		3,615.12		3,996.88	15,273.75
Orland Park		15,052.38	15,052.38	10,745.43		4,119.74		1—489.97		14,375.20	677.18
Oswego	5,008.54	8,768.93	13,777.47								13,777.47
Ottawa		112,707.09	112,707.09	22,541.58	65.00	11,485.67		41,087.33		75,179.58	37,527.51
Otterville	359.45	813.03	1,172.48			45.52		550.82		596.34	576.14
Owaneco	3,663.54	1,684.11	5,347.65					2,265.88		2,265.88	3,081.77
Palatine	3,499.49	88,206.33	161,705.82	66,580.50		5,728.87				72,309.37	89,396.45
Palatine	2,105.62	9,082.52	11,188.14			573.28	2,180.00	6,717.43		9,470.71	1,717.43
Palmer	1,626.72	1,538.93	3,165.65					2,551.00		2,551.00	614.65
Palmyra	208.14	4,709.69	4,917.83			216.10		3,319.20		3,535.30	1,382.53
Palos Heights	13,788.51	21,922.37	35,710.88			717.65		6,780.00		26,072.45	9,638.43
Palos Hills	25,600.14	21,870.10	47,470.24	18,574.80		1,531.56		18,925.63		20,457.19	27,013.05
Palos Park	45,612.35	12,595.94	58,208.29								58,208.29
Palos Park	17,835.80	37,352.22	55,188.02	835.80		1—80.04		5,012.57		5,768.33	49,419.69
Panama	1.15	2,829.14	2,829.29					2,565.56	51.32	2,616.88	212.42
Panola	8.79	249.73	258.52					200.00		200.00	58.51
Papineau	1,335.33	981.43	2,316.76								2,316.76
Paris	122,289.38	57,044.63	179,334.01	117,119.30		11,436.95		23,327.72		151,883.97	27,450.04
Parkersburg	2,834.14	1,469.23	4,303.37					2,108.16	63.24	2,171.40	2,131.97
Park City	19,607.21	8,176.61	27,783.82			699.97		8,524.90		9,224.87	18,558.95
Park Forest	26,136.48	174,176.84	200,313.32	120,396.82		1—4,771.14		66,801.16		182,426.84	17,886.48
Park Ridge	171,376.24	205,750.85	377,127.09	133,524.67		12,390.90	47,250.00			193,165.57	183,961.52
Patoka	3,046.18	3,490.16	6,536.34					5,714.25		5,714.25	822.09
Pawnee	5,472.37	8,809.59	14,281.96			349.21		3,841.95		4,191.16	10,090.80
Paw Paw	16,988.29	4,210.26	21,198.55			54.07		556.47		610.54	20,588.01
Paxton	32,626.10	25,377.66	58,003.76	20,575.65		1,770.87		11,222.34		33,568.86	24,434.90
Payson	195.57	2,915.23	3,110.80								3,110.80
Pearl	2,752.56	2,020.91	4,773.47					3,212.73	64.25	3,276.98	1,496.49
Pearl City	12,981.70	2,833.95	15,815.65	15,815.65						15,815.65	
Pecatonica	32,022.59	9,634.23	41,656.82	37,459.47		4,197.35				41,656.82	
Pekin	59,502.48	163,450.87	222,953.35	10,473.72		2,013.33	80,163.41	27,830.36		120,480.85	102,472.50
Peoria	496,722.82	599,087.48	1,095,810.30			30,000.00	76,095.83	98,986.04		205,081.87	890,728.43
Peoria Heights	52,358.11	42,443.68	94,801.79	9,243.45		1,270.57	19,628.09	11,588.57		41,730.68	53,071.11
Peotone	22,350.96	10,383.37	32,734.33								32,734.33
Perry	5,237.19	4,703.87	9,941.06			372.91		7,299.11	155.00	7,827.02	2,114.04
Perry	1,898.06	2,566.80	4,464.86			134.17		2,066.99		2,201.16	2,263.70
Peru	47,925.58	60,743.83	108,669.41	57,670.03		9,010.34	28,310.78	8,475.32		103,466.52	5,202.89

LOCAL ROADS AND STREETS

Pesotum	4,525.45	2,717.81	7,243.26																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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LOCAL ROADS AND STREETS

TABLE 62.—Continued.

Municipality	Balance Available Jan. 1, 1963	Allotted During 1963	Total Available During 1963	Disbursed for					Total Disbursed During 1963	Balance on Hand Dec. 31, 1963
				Construction	Right-of-way	Engineering	Municipal indebtedness	Maintenance		
Riverdale	---	69,733.47	69,733.47	63,816.26	---	5,920.00	---	1—2.79	69,733.47	---
River Forest	171,420.21	73,723.03	245,143.24	116,886.83	---	9,301.61	12,000.00	---	138,188.44	106,954.80
River Grove	49,649.28	49,152.55	98,801.83	9,114.26	---	3,057.14	23,160.00	4,788.70	40,120.10	58,681.73
Riverside	88,365.97	56,620.69	144,986.66	11,704.97	---	---	---	40,323.65	52,028.62	92,958.04
Riverton	20,382.82	9,239.33	29,622.15	---	---	1,066.91	---	8,131.01	9,197.92	20,424.23
Riverwoods	366.83	4,936.76	5,303.59	---	---	60.00	---	4,025.87	4,085.87	1,217.72
Roanoke	10,244.86	10,574.99	20,819.85	---	---	332.66	5,389.35	10,570.55	16,292.56	4,527.29
Robbins	129,842.74	43,618.25	173,460.99	---	---	736.07	---	10,072.92	10,808.99	162,652.00
Roberts	158.88	2,926.86	3,085.74	---	---	---	1,440.00	---	1,440.00	1,645.74
Robinson	17,483.01	41,963.19	59,446.20	19,836.23	---	4,622.13	19,722.38	11,278.12	55,458.86	3,987.34
Rochelle	57,877.55	40,697.20	98,574.75	17,973.62	---	3,516.55	---	16,495.59	37,985.76	60,588.99
Rochester	13,411.54	4,308.98	17,720.52	---	---	4,160.45	---	2,678.83	6,839.28	10,881.24
Rockbridge	731.12	1,469.23	2,200.35	---	---	---	---	---	---	2,200.35
Rock City	1,473.99	1,173.06	2,647.05	---	---	---	---	---	---	2,647.05
Rockdale	912.59	7,386.82	8,299.41	---	---	---	---	---	---	8,299.41
Rock Falls	84,754.27	59,588.20	144,342.47	---	---	40,109.45	---	3,782.25	43,891.70	100,450.77
Rockford	349,444.13	743,763.49	1,093,207.62	622,447.53	89,044.00	18,138.22	140,526.69	62,838.39	932,994.83	160,212.79
Rock Island	94,619.48	301,181.37	395,800.85	1,532.32	---	5,303.21	129,914.18	73,279.53	210,029.24	185,771.61
Rockton	38,419.43	10,644.68	49,064.11	24,491.15	---	3,699.34	---	8,678.53	36,809.02	12,195.09
Rockwood	11,770.69	569.11	12,339.80	---	---	---	---	---	---	12,339.80
Rolling Meadows	38,022.13	63,177.08	101,199.21	32,923.68	---	4,315.12	---	30,072.04	67,310.84	33,888.37
Romeoville	25,906.74	29,168.01	55,074.75	1,127.69	---	1,651.61	---	17,158.90	19,938.20	35,136.55
Roodhouse	11,027.31	13,658.66	24,685.97	---	---	550.00	5,199.96	3,177.49	8,927.45	15,758.52
Rose Hill	826.56	679.45	1,506.01	---	---	535.65	---	1,337.30	1,337.30	168.71
Roselle	11,654.98	23,289.99	34,944.97	---	---	---	31,031.25	10,460.86	10,996.51	23,948.46
Rosemont	30,873.35	5,679.49	36,552.84	---	---	321.28	---	6,080.33	31,031.25	5,521.59
Roseville	3,447.97	6,184.72	9,632.69	---	---	---	---	884.07	6,401.61	3,231.08
Rosiclare	9,308.39	9,872.34	19,180.73	---	---	---	---	---	884.07	18,296.66
Rossville	1,539.48	8,536.66	10,076.14	---	---	---	---	5,091.00	5,091.00	4,985.14
Round Lake	6,088.48	5,789.81	11,878.32	---	---	136.50	---	2,730.09	2,866.59	9,011.73
Round Lake Beach	35,405.42	29,100.12	64,505.54	---	---	644.69	---	11,638.16	12,282.85	52,222.69
Round Lake Heights	2,749.29	6,382.18	9,131.47	---	---	483.08	---	4,828.08	5,311.16	3,820.31
Round Lake Park	44,409.30	14,895.59	59,304.89	9,811.10	---	1,758.50	---	8,209.74	19,779.34	39,525.55
Roxana	7,574.74	12,137.16	19,711.90	---	---	---	6,064.77	---	6,186.07	13,525.83
Royal	1,357.74	993.03	2,350.77	---	---	---	---	1,003.99	1,003.99	1,346.78
Royalton	2,707.40	7,113.86	9,821.26	---	---	657.89	---	7,815.36	8,646.17	1,175.09
Ruma	1,752.49	801.41	2,553.90	---	---	---	---	1,426.25	1,426.25	1,127.65
Rushville	39,226.14	16,370.65	55,596.79	---	---	1—120.62	---	11,056.37	10,935.75	44,661.04
Russellville	2,753.23	1,144.05	3,897.28	---	---	218.60	---	2,659.67	2,878.27	1,019.01
Rutland	7,323.78	2,955.90	10,279.68	---	---	522.80	---	7,054.16	7,576.96	2,702.72
Sadorus	565.41	2,229.98	2,795.39	---	---	---	---	677.58	691.13	2,104.26
Sailor Springs	341.70	1,085.94	1,427.64	---	---	---	---	593.75	593.75	833.89

LOCAL ROADS AND STREETS

Salem	19,122.76	35,801.69	54,924.45						16,225.06	16,225.06	38,699.39
Sandoval	10,217.42	7,874.64	18,092.06						11,502.59	11,502.59	6,589.47
Sandwich	34,038.14	22,311.44	56,349.58						38,747.16	38,747.16	17,602.42
San Jose	17,827.34	6,347.33	24,174.67				282.74		8,978.84	8,978.84	14,913.09
Sauk Village	50,384.97	33,531.03	83,916.00				1,534.25		21,541.70	21,541.70	19,960.05
Saunemin	659.48	2,276.46	2,935.94				54.11	1,045.00	1,176.75	2,275.86	660.08
Savanna	28,187.96	28,745.89	56,933.85				276.41	14,548.75	2,126.25	16,951.41	39,982.44
Savoy	963.28	1,968.65	2,931.93				859.55			1,079.67	1,852.26
Sawyerille	1,990.71	2,102.21	4,092.92								4,092.92
Saybrook	6,253.17	4,988.43	11,241.60				437.36		3,100.81	3,853.17	7,388.43
Seales Mound	4,800.92	2,317.10	7,118.02				371.15		3,433.50	3,809.65	3,308.37
Schaumburg	18,734.44	19,140.68	37,875.12								37,875.12
Schiller Park	61,246.74	33,025.81	94,272.55					15,362.50	1—8.82	15,353.68	78,918.87
Schram City	5,595.46	4,053.47	9,648.93				55.00		3,124.57	3,179.57	6,469.36
Sciota	88.90	696.88	785.78						238.00	238.00	547.78
Scottville	1,993.54	1,080.16	3,073.70						2,412.47	2,412.47	661.23
Seaton	1,031.04	1,364.71	2,395.75								2,395.75
Seatonville	4,884.89	2,108.03	6,992.92								6,992.92
Secor	2,572.92	2,479.71	5,052.63								5,052.63
Senece	16,497.29	9,982.67	26,479.96								26,479.96
Sesser	744.05	10,243.98	10,988.03								10,988.03
Shabbona	8,180.67	4,007.01	12,187.68								12,187.68
Shannon	1,169.65	4,448.35	5,618.00								5,618.00
Shawneetown	14,053.50	8,124.34	22,177.84								22,177.84
Sheffield	4,272.02	6,260.19	10,532.21								10,532.21
Shelbyville	13,325.61	27,996.74	41,322.35								41,322.35
Sheldon	5,823.72	6,602.85	12,426.57								12,426.57
Sheridan		4,088.32	4,088.32								4,088.32
Sherman	729.03	1,213.71	1,942.74								1,942.74
Sherrard	5,537.66	3,333.36	8,871.02								8,871.02
Shiloh	2,881.48	4,070.89	6,952.37								6,952.37
Shipman	54.44	2,421.59	2,476.03								2,476.03
Shorewood	2,666.38	2,897.82	5,564.20								5,564.20
Shumway	1,461.01	1,231.13	2,692.14								2,692.14
Sibley	2,100.79	2,241.62	4,342.41								4,342.41
Sidell	3,025.37	3,565.65	6,591.02								6,591.02
Sidney	6,578.61	3,983.77	10,562.38								10,562.38
Sigel	3,067.52	2,247.41	5,314.93								5,314.93
Silvis		23,072.21	23,072.21								23,072.21
Simpson	2,653.98	516.85	3,170.83								3,170.83
Simms	2,588.33	2,183.52	4,771.85								4,771.85
Skokie	605,706.62	379,103.06	984,809.68								984,809.68
Sleepy Hollow	1,629.91	2,503.41	4,133.32								4,133.32
Smithboro	153.39	1,236.95	1,390.34								1,390.34
Smithfield	1,021.18	1,910.58	2,931.76								2,931.76
Smithton	2,359.22	3,652.75	6,011.97								6,011.97
Somonauk	7,625.67	5,220.71	12,846.38								12,846.38
Sorento	284.39	3,954.74	4,239.13								4,239.13
South Barrington	316.04	1,074.36	1,390.40								1,390.40
South Beloit	47,695.05	21,957.21	69,652.26								69,652.26
			29,008.14								29,008.14
			2,987.19								2,987.19
											29,067.37
											40,584.89
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LOCAL ROADS AND STREETS

TABLE 62.—Continued.

Municipality	Balance Available Jan. 1, 1963	Allotted During 1963	Total Available During 1963	Disbursed for					Total Disbursed During 1963	Balance on Hand Dec. 31, 1963
				Construction	Right-of-way	Engineering	Municipal indebtedness	Maintenance		
South Chicago Heights.....	22,738.08	23,478.72	46,216.80	20,253.42	-----	2,132.96	-----	6,484.20	28,870.58	17,346.22
South Elgin.....	2,204.12	15,238.22	17,442.34	13,231.25	-----	1,349.36	-----	1,541.77	16,122.38	1,319.96
South Holland.....	40,310.76	73,188.77	113,499.53	72,253.34	-----	7,278.27	28,562.50	1,851.08	107,243.03	6,256.50
South Jacksonville.....	41,373.95	13,588.95	54,962.90	-----	-----	9,283.20	4,000.00	5,728.61	19,011.81	35,951.09
South Pekin.....	30,717.88	5,847.91	36,565.79	2,900.00	-----	-----	-----	-----	2,900.00	33,665.79
South Wilmington.....	3,350.84	4,239.28	7,590.12	5,116.21	-----	667.52	-----	-----	5,841.56	1,748.56
Southern View.....	5,979.07	8,623.77	14,602.84	-----	-----	1,365.91	-----	7,799.32	9,165.23	5,437.61
Sparland.....	284.90	3,101.07	3,385.97	1,849.60	-----	346.96	-----	-----	2,196.56	1,189.41
Sparta.....	13,828.28	20,046.62	33,874.90	-----	-----	-----	10,813.75	7,345.81	18,159.56	15,715.34
Spaulding.....	2,102.85	1,033.69	3,136.54	-----	-----	-----	-----	366.09	366.09	2,770.45
Spillertown.....	830.29	1,027.88	1,858.17	-----	-----	30.00	-----	561.38	591.38	1,206.79
Spring Bay.....	3,709.01	1,655.06	5,364.07	-----	-----	41.70	-----	-----	41.70	5,322.37
Springerton.....	1,115.25	1,347.30	2,462.55	-----	-----	-----	-----	2,314.75	2,314.75	147.80
Springfield.....	549,885.03	483,575.48	1,033,460.51	196,963.40	6,301.62	162,141.27	43,491.73	190,251.12	605,949.14	427,511.37
Spring Grove.....	5,657.73	1,747.99	7,405.72	4,087.80	-----	-----	-----	390.00	4,477.80	2,927.92
Spring Valley.....	-----	31,190.73	31,190.73	13,603.75	-----	4,677.72	11,332.02	1,68.32	29,545.17	1,645.56
St. Anne.....	20,681.60	8,002.39	28,683.99	5,463.19	-----	1,498.11	-----	2,787.57	9,748.87	18,935.12
St. Augustine.....	35.29	1,167.27	1,202.56	-----	-----	-----	-----	-----	-----	1,202.56
St. Charles.....	7,892.51	53,827.41	61,719.92	-----	-----	123.65	15,158.34	2,473.00	15,158.34	46,561.58
St. David.....	1,192.21	5,005.85	6,198.06	-----	-----	-----	-----	5,140.55	2,648.59	3,549.47
St. Elmo.....	9,374.13	9,240.18	18,614.31	-----	-----	-----	-----	3,864.00	5,140.55	13,473.76
St. Francisville.....	7,603.31	6,039.53	13,642.84	-----	-----	493.70	2,212.50	2,780.94	6,570.20	7,072.64
St. Jacob.....	7,057.05	3,072.04	10,129.09	-----	-----	178.66	-----	1,321.74	2,959.60	7,169.49
St. Johns.....	1,467.50	1,196.29	2,663.79	-----	-----	-----	-----	6,832.95	1,321.74	1,342.05
St. Joseph.....	8,009.22	7,026.76	15,035.98	-----	-----	-----	-----	-----	6,832.95	8,203.03
St. Libory.....	3,385.37	2,009.30	5,394.67	-----	-----	-----	-----	833.56	850.23	5,394.67
St. Marie.....	2,128.22	2,015.12	4,143.34	-----	-----	-----	-----	4,937.79	4,937.79	3,293.11
St. Peter.....	4,508.14	2,305.48	6,813.62	-----	-----	195.68	-----	1,558.29	1,789.05	1,875.83
Standard.....	1,311.43	1,637.65	2,949.08	-----	-----	-----	-----	352.18	352.18	1,160.03
Standard City.....	666.37	1,056.92	1,723.29	-----	-----	54.79	-----	1,200.25	1,255.04	1,371.11
Stanford.....	1,453.17	2,781.66	4,234.83	-----	-----	320.75	-----	3,826.97	4,147.72	2,979.79
Staunton.....	46,885.06	24,553.04	71,438.10	-----	-----	-----	-----	-----	-----	67,290.38
Steeleville.....	20,993.73	9,111.58	30,105.36	-----	-----	-----	-----	17,261.42	25,148.09	30,105.36
Steger.....	68,641.03	37,352.24	105,993.27	5,674.54	-----	2,212.13	-----	57,728.80	80,845.18	58,397.46
Sterling.....	124,489.92	91,104.13	215,594.05	23,451.95	-----	5,015.84	71,000.00	-----	157,196.59	8,251.93
Steward.....	6,718.82	1,533.11	8,251.93	-----	-----	139.40	-----	3,576.95	3,716.35	750.55
Stewardson.....	657.35	3,809.55	4,466.90	-----	-----	-----	-----	-----	39,380.00	45,967.45
Stickney.....	50,116.01	36,231.44	86,347.45	-----	-----	-----	39,380.00	-----	8,983.88	-----
Stillman Valley.....	5,514.15	3,472.73	8,986.88	8,435.41	-----	1,075.99	-----	1,524.52	-----	-----

LOCAL ROADS AND STREETS

Stockton	14,307.64	10,453.05	24,760.69	19,321.31			2,344.21					21,665.52	3,095.17
Stonefort	932.83	2,026.72	2,959.55				114.72					2,387.04	572.51
Stone Park	48,496.30	17,642.42	66,138.72	1-108.30			108.30						66,138.72
Stonington	18,437.50	6,248.61	24,686.11				527.36					5,765.21	18,920.90
Stoy	2,729.32	1,074.35	3,803.67										3,803.67
Strasburg	1,008.35	2,712.01	3,720.36				80.43					2,609.84	1,110.52
Strawn	5,051.15	882.72	5,933.87				377.40					3,351.42	2,582.45
Streamwood	33,891.14	39,204.71	73,095.85	29,183.98			5,252.48					50,621.03	22,474.82
Streator	142,876.18	97,956.69	240,832.87	91,878.25			7,013.34					210,565.50	30,267.37
Stronghurst	1,226.81	4,732.91	5,959.72										5,959.72
Sublette	2,561.44	1,777.02	4,338.46				290.57					2,787.48	1,550.98
Sugar Grove	10,132.45	1,893.16	12,025.61				518.06					5,731.15	6,294.46
Sullivan		22,915.40	22,915.40	20,405.40								22,915.40	
Summitfield	4,164.51	2,049.97	6,214.48										6,214.48
Summit	50,844.68	60,244.41	111,089.09	1-569.25								69,508.76	41,580.33
Sumner	1,966.10	6,010.51	7,976.61				510.61					5,089.79	2,886.82
Sunnyside	3,068.13	1,759.60	4,827.73										4,827.73
Swansea	24,084.40	17,526.29	41,610.69				754.83					18,879.11	22,731.58
Sycamore	48,669.92	40,424.26	89,094.18	82,646.35			1,889.69					82,698.80	6,395.38
Symerton	704.13	714.28	1,418.41										1,418.41
Table Grove	190.59	2,903.63	3,094.22										3,094.22
Tallula	1,794.56	3,176.57	4,971.13				170.30					4,418.99	552.14
Tamaroa	2,570.29	4,041.84	6,612.13									2,904.26	3,707.87
Tamms	12,996.30	3,182.35	16,178.65									8,616.40	7,562.25
Tampico	6,517.08	4,587.73	11,104.81										11,104.81
Taylor Springs	3,814.62	3,193.99	7,008.61									2,780.54	4,228.07
Taylorville	193,461.89	51,109.62	244,571.51	15,685.00	1-203.57		2,802.47					18,283.90	226,287.61
Tennessee	145.08	1,196.29	1,341.37										1,341.37
Teutopolis	4,716.69	6,620.25	11,336.94									4,565.86	6,771.08
Thawville	1,651.68	1,428.59	3,080.27				317.55					2,760.33	319.94
Thayer	2,879.06	3,768.91	6,647.97									6,419.01	228.96
Thebes	9,497.98	2,735.21	12,233.19									5,065.59	7,167.60
Third Lake	861.58	1,045.32	1,906.90				44.65					937.65	969.25
Thomasboro	3,591.61	2,659.72	6,251.33									5,431.19	820.14
Thompsonville	3,871.26	2,485.49	6,356.75									2,978.14	3,378.61
Thomson	10,133.40	3,153.37	13,286.77									603.13	12,683.64
Thornton	19,226.44	18,729.63	37,956.07	7,778.50			1,307.85					9,086.35	28,869.72
Tilden	4,463.50	4,692.25	9,155.75									7,026.39	2,129.36
Tilton	30,021.84	15,087.24	45,109.08										45,109.08
Time	604.55	261.32	865.87									302.78	563.09
Tinley Park	22,366.86	38,504.14	60,871.00										60,871.00
Tiskilwa	25,960.24	5,522.71	31,482.95										31,482.95
Toledo	1,146.41	5,795.63	6,942.04				170.48					4,632.03	2,310.01
Tolono	3,775.96	8,937.34	12,713.30									9,747.69	2,965.61
Toluca	1,751.54	7,851.39	9,602.93	1-15.00								15.00	9,602.93
Tonica		4,355.43	4,355.43	3,635.43			720.00					4,355.43	
Topeka	1,075.58	447.18	1,522.76									1,158.00	364.76
Toulon	3,198.63	7,044.20	10,242.83				331.29					6,140.47	4,102.36
Towanda	5,967.41	3,403.04	9,370.45	1-66.95								25.63	9,344.82
Tower Hill	642.75	4,065.06	4,707.81	150.67								4,037.37	670.44
Tremont	8,017.66	9,047.69	17,065.35										17,065.35
Trenton	15,659.37	10,836.33	26,495.70	14,379.15			237.91					14,617.06	11,878.64
Troy	18,705.11	10,325.28	29,030.39										29,030.39

LOCAL ROADS AND STREETS

TABLE 62.—Continued.

Municipality	Balance Available Jan. 1, 1963	Allotted During 1963	Total Available During 1963	Disbursed for					Treasurers' Fees and Miscellaneous	Total Disbursed During 1963	Balance on Hand Dec. 31, 1963
				Construction	Right-of-way	Engineering	Municipal indebtedness	Maintenance			
Troy Grove	2,671.93	1,573.75	4,245.68								4,245.68
Tuscola	28,065.25	22,503.09	50,568.34	12,013.90		728.98		13,950.77		26,693.65	23,874.69
Ullin	952.57	3,350.79	4,303.36			418.18		3,213.00	36.32	3,667.50	635.86
Union	2,837.33	2,787.47	5,624.80			214.07		1,618.00		1,832.07	3,792.73
Union Hill	1,158.30	464.57	1,622.87								1,622.87
Urbain	1,528.02	313.59	1,841.61			1—4.75		910.60	18.12	923.97	1,917.64
Urbana	30,964.15	164,176.74	195,140.89				78,500.95			78,500.95	116,639.94
Valer		3,768.91	3,768.91			171.72		3,155.01	66.54	3,393.27	375.64
Valley City	3,386.85	632.99	4,019.84								4,019.84
Valley View	4,291.70	10,110.43	14,402.13								4,411.41
Valmeyer	9,749.92	4,117.30	13,867.22			430.22		9,560.50		9,990.72	9,516.09
Vandalia	55,438.56	32,154.73	87,593.29	58,398.60		429.08	358.67	3,922.05		4,351.13	11,380.16
Varna	6,388.03	2,166.12	8,554.15	1—252.73		8,786.52		8,669.34		76,213.13	5,263.88
Venedy	1,200.78	830.44	2,031.22			203.71		3,339.29		3,290.27	
Venice	37,349.39	31,242.99	68,592.38	547.80				2,031.22		2,031.22	
Vergennes	959.93	1,730.57	2,690.50			7,522.49		1,897.56		8,070.29	60,522.09
Vermillion	3,668.97	1,840.91	5,509.88					2,038.14	40.76	1,897.56	792.94
Vermont	1,152.37	5,243.96	6,396.33					5,893.00	58.94	2,078.90	3,430.98
Vernon	66.22	1,364.72	1,430.94					1,430.94		5,951.94	444.39
Vernon Hills	1,651.30	714.29	2,365.59			55.55		1,111.00		1,430.94	
Verona	1,181.33	1,114.99	2,296.32							1,166.55	1,199.04
Versailles	3,517.81	2,479.70	5,997.51			254.78		4,982.21		5,236.99	2,296.32
Victoria	5,024.63	2,630.67	7,655.30			482.55		5,361.97		5,844.52	760.52
Vienna	29,890.20	6,353.12	36,243.32	9,000.00		600.00		8,560.00	385.53	18,545.53	1,810.78
Villa Grove	8,038.72	13,403.13	21,441.85					9,530.16		9,530.16	17,697.79
Villa Park	25,595.04	135,274.07	160,869.11	63,565.81		4,278.63	2,892.58	54,030.30		124,767.32	11,911.69
Viola	21,650.51	4,715.49	26,366.00			1,215.68		17,944.32		36,101.79	36,101.79
Virden	6,008.42	19,216.20	25,224.62			390.49	11,920.68	5,709.51		19,160.00	7,206.00
Virginia	8,898.04	9,692.31	18,590.35			166.53		3,330.68		18,020.68	7,203.94
Wadsworth	544.79	3,240.43	3,785.22			70.70		1,382.72		3,497.21	15,093.14
Wagoner	992.24	1,271.79	2,264.03			131.36		1,168.64		1,453.42	2,331.80
Walnut	20,608.16	6,922.24	27,530.40							1,300.00	964.03
Walnut Hill	39.18	888.52	927.70					909.06		909.06	27,530.40
Walshville	1,832.26	714.29	2,546.55								18.64
Waltonville	3,605.30	2,288.04	5,893.34					3,614.37		3,614.37	2,546.55
Wamac	13,988.46	8,095.31	22,083.77			484.83		9,195.90		9,680.73	2,278.97
Wapella	315.08	3,054.61	3,369.69			197.63		2,171.96		2,369.59	12,403.04
Warren	17,020.40	8,536.66	25,557.06			706.79		5,535.68		6,242.47	1,000.10
Warrensburg	1,151.39	3,954.74	5,106.13					3,010.51		3,010.51	19,314.59
											2,095.62

LOCAL ROADS AND STREETS

Warsaw	1,219.49	11,254.46	12,473.95			460.69		10,755.01			11,215.70	1,258.25
Washington	16,965.29	6,178.92	23,144.21			340.67		5,436.07		186.27	9,499.71	13,644.50
Washington Park	4,136.99	34,373.10	38,510.09		3,536.70	465.42		3,032.61			11,935.03	26,575.06
Wataga	81,071.52	38,333.67	119,405.19		8,437.00	1,714.57		33,422.14			99,137.10	20,268.09
Waterloo	2,633.37	3,310.13	5,943.50									5,943.50
Waterman	31,783.47	22,061.74	53,845.21			670.69		19,141.51			19,812.20	34,033.01
Watseka	8,392.04	5,319.45	13,711.49				4,224.60				4,224.60	9,486.89
Watson	59,193.27	30,308.03	89,501.30		54,249.93	890.18		4,156.07			59,296.18	30,205.12
Wauconda	2,169.82	1,434.40	3,604.22					1,196.79			1,196.79	2,407.43
Waukegan	2,708.66	23,417.88	26,126.54		12,615.94	932.65	2,651.76	5,109.47			21,309.82	4,816.72
Waverly	81,711.88	331,704.28	413,416.16		214,414.55	5,551.29		155,376.14			375,341.98	38,074.18
Wayne	13,819.41	7,984.97	21,804.38			55.00		3,176.73			3,231.73	18,572.65
Wayne City	4,976.57	2,665.53	7,642.10		5,994.70	1,187.25					7,181.95	460.15
Waynesville	1,846.85	5,243.95	7,090.80				824.00	3,970.60			4,794.60	2,296.20
Weldon	516.63	2,961.68	3,478.31			434.66		74.83	1.50		76.33	3,401.98
Wellington	867.61	2,607.45	3,475.06			633.38		2,060.73			2,495.39	979.67
Wenona, Marshall	4,891.33	1,939.62	6,830.95					6,197.57			6,830.95	
Wenonah	3,012.14	5,836.29	8,848.43									8,848.43
Montgomery	313.84	592.33	906.17					574.25			574.25	331.92
West Brooklyn	122.67	1,056.92	1,179.59									1,179.59
West Chicago	85,078.89	39,802.89	124,881.78		80,798.96	9,327.53		16,730.50			106,856.99	18,024.79
West City	11,041.72	4,727.08	15,768.80		1-599.19	425.71		4,521.82	86.97		4,435.31	11,333.49
West Dundee	32,202.14	14,692.35	46,894.49		1,365.26	1,477.47	7,375.02	10,179.20			20,396.95	26,497.54
West Frankfort	72,302.40	52,422.05	124,724.45		1-218.58	1,572.68		28,087.35			29,441.45	95,283.00
West Point	129.95	1,358.90	1,488.85					1,400.00			1,400.00	88.85
West Salem	8,122.59	5,551.72	13,674.31					4,508.30			4,508.30	9,166.01
Westchester	75,407.33	105,064.76	180,472.09		160,304.04	14,122.00		174,426.04			174,426.04	6,046.05
Western Springs	59,114.18	65,283.36	124,397.54		5,642.69	8,385.89		24,189.90			38,218.48	86,179.06
Westfield	516.62	3,693.41	4,210.03					3,701.82			3,701.82	508.21
Westmont	16,181.19	34,826.09	51,007.28		16,901.54	202.03		13,891.81			30,995.38	20,011.90
Westville	54,364.79	20,307.96	74,672.75		37,281.66	7,642.51		4,542.89	991.29		50,458.35	24,214.40
Wheaton	209,561.96	147,081.54	356,643.50		1-1,535.21	1-1.30	10,164.60	93,095.85			101,723.94	254,919.56
Wheeler	880.33	1,004.65	1,884.98					1,125.03			1,125.03	759.95
Wheeling	159,093.12	55,906.39	214,999.51		1,058.24	2,040.79		1,125.03			3,099.03	211,900.48
Whiteash		929.15	929.15					48.20	.96		49.16	879.99
White City	293.66	1,144.04	1,437.70					775.04	15.50		790.54	647.16
White Hall	64,580.96	17,491.42	82,072.38		35,446.74	3,068.01		1,290.00			39,804.75	42,267.63
Williamsfield		3,182.36	3,182.36		1,524.11	172.46		1,070.00			2,766.57	415.79
Williamson		1,881.56	1,881.56					1,844.65	36.91		1,881.56	
Williamsville	1,073.39	4,268.34	5,341.73									5,341.73
Willisville	5,361.18	3,089.45	8,450.63					3,776.93	77.08		3,854.01	4,596.62
Willowbrook	1,506.90	911.74	2,418.64									2,418.64
Willow Hill	842.70	1,945.43	2,788.13			247.00		1,925.13	43.44		2,215.57	572.56
Willow Springs	57,768.96	13,635.43	71,404.39		43,697.55	4,073.37		9,164.00			56,934.92	14,469.47
Wilmette	228,645.73	164,159.33	392,805.06		170,176.02	2,606.88					172,782.90	220,022.16
Wilmington, Greene	593.25	754.95	1,348.20			50.00		799.78			849.78	498.42
Wilmington, Will	76,367.86	24,448.51	100,816.37			783.26	23,300.00	12,684.54			36,767.80	64,048.57
Wilsonville	1,761.91	3,995.40	5,757.31			178.15		3,570.35	74.97		3,823.47	1,933.84

LOCAL ROADS AND STREETS

TABLE 62.—Concluded.

Municipality	Balance Available Jan. 1, 1963	Allotted During 1963	Total Available During 1963	Disbursed for						Total Disbursed During 1963	Balance on Hand Dec. 31, 1963
				Construction	Right-of-way	Engineering	Municipal indebtedness	Maintenance	Treasurers' Fees and Miscellaneous		
Winchester	11,085.60	9,622.61	20,708.21	---	---	280.32	---	5,671.18	---	5,951.50	14,756.71
Windsor, Mercer	4,421.80	3,821.17	8,242.97	---	---	648.09	---	7,594.88	---	8,242.97	---
Windsor, Shelby	1,270.73	5,929.20	7,199.93	---	---	---	---	5,967.00	---	5,967.00	1,232.93
Winfield	8,214.71	11,324.88	19,539.59	1-362.69	---	---	---	10,490.00	---	11,495.30	8,044.29
Winnebago	20,504.04	6,149.88	26,653.92	---	---	1,367.99	---	---	---	1,130.55	25,523.37
Winnetka	139,005.33	77,631.32	216,636.65	---	---	1,130.55	18,388.56	8,425.00	---	111,532.51	105,104.14
Winslow	4,095.73	2,125.46	6,221.19	81,600.68	---	3,118.27	---	---	---	20.21	6,200.98
Winthrop Harbor	63,151.68	22,346.30	85,497.98	1-176.43	---	196.64	---	12,611.08	---	78,465.81	7,032.17
Witt	177.79	6,393.79	6,571.58	60,675.17	---	5,179.56	---	6,569.60	---	6,569.60	1.98
Wood Dale	81,930.34	23,289.85	105,220.19	9,851.05	---	8,327.56	---	7,149.58	---	25,328.19	79,892.00
Woodhull	1,072.67	4,523.85	5,596.52	---	---	---	---	---	---	---	5,596.52
Woodland	2,496.46	1,997.70	4,494.16	---	---	310.97	---	2,171.07	---	2,482.04	2,012.12
Woodlawn	96.17	1,399.55	1,495.72	---	---	---	---	1,453.90	---	1,453.90	41.82
Wood River	99,135.22	67,909.99	167,045.21	12,775.88	---	---	34,317.50	13,774.82	---	66,968.25	100,076.96
Woodridge	1,386.16	10,932.80	12,318.96	---	---	6,100.05	---	11,239.50	---	11,689.07	629.89
Woodson	2,251.03	1,329.86	3,580.89	---	---	---	---	---	---	---	3,580.89
Woodstock	116,334.76	51,667.09	168,001.85	45,000.00	---	909.50	19,009.90	12,912.98	---	77,832.38	90,169.47
Worden	8,433.39	6,155.69	14,589.08	---	---	254.19	---	6,278.91	---	6,533.10	8,055.98
Worth	81,428.42	52,828.56	134,256.98	137.35	---	2,605.50	---	36,564.54	---	39,307.39	94,949.59
Wyandot	9,770.61	5,447.20	15,217.81	---	---	519.86	2,520.00	7,966.00	---	11,005.86	4,211.95
Wyoming	1,596.06	9,053.50	10,649.56	---	---	1-83.67	---	8,000.16	---	7,916.49	2,733.07
Xenia	1,439.15	2,851.35	4,290.50	---	---	489.23	---	3,801.27	---	4,290.50	---
Yale	816.38	714.29	1,530.67	---	---	---	---	---	---	---	1,530.67
Yates City	6,058.11	4,657.42	10,715.53	---	---	---	---	---	---	---	10,715.53
Yorkville	25,197.64	9,105.76	34,303.40	16,205.49	---	---	---	---	---	16,205.49	18,097.91
Zeligler	25,364.41	12,388.85	37,751.26	---	---	4,314.37	---	5,022.95	---	9,337.32	28,413.94
Zion	40,285.32	69,344.35	109,629.67	52,940.00	---	---	56,262.50	---	---	109,202.50	427.17
Total	\$41,396,172.82	\$49,152,502.20	\$90,548,675.02	\$20,283,670.73	\$ 4,252,375.11	\$ 2,758,346.27	\$ 5,222,229.53	\$18,590,246.71	\$ 31,778.65	\$51,138,647.00	\$39,410,028.02

¹ Transferred from funds certified prior to 1963.
² Includes Illinois Municipal Employees' Retirement Fund or Social Security.

LOCAL ROADS AND STREETS

TABLE 63.—MUNICIPAL CONTRACTS APPROVED DURING 1963.

Municipality	Section OS	Length (Miles)	Surface (Square Yards)	Contract Price	Type
Addison.....	9	0.4714	2,448	\$ 27,184.80	I-11 pavt., B-5 mod. surf. C&G, on Ty. A base
Addison.....	8	0.1697	5,443	134,660.74	I-11 pavt., cem. agg. base, C&G, SS, SL
Alton.....	82			17,121.42	Flashing light signals
Alton.....	99	0.0644	1,554	23,364.25	PCC pavt., Ty. A base, G
Alton.....	76	0.0498	1,277	126,031.94	PCC pavt., Ty. A base, G
Anna.....	16	0.4386	6,681	20,885.50	I-11 pavt.
Arlington Heights..	32	0.9900	19,980	196,401.15	I-11 pavt., WB Mac. Base, C&G
Arlington Heights..	33	0.6653	10,975	189,621.05	I-11 pavt., C&G
Arrowsmith.....	5-S	0.1778	3,548	2,490.50	A-3 & A-1 treat.
Arrowsmith.....	6-Q	0.2550	3,466	1,790.20	B-5 surf.
Ashkum.....	4-Q	0.1943	5,533	14,357.00	I-11 pavt., C&G
Aurora.....	85	1.0377	24,498	199,407.55	PCC pavt., J-2 pavt., Ty. A base, C&G
Aurora.....	88	0.3871	9,030	27,614.90	Sheet asph. surf.
Aviston.....	3-G	0.2470	1,463	7,368.00	Road oil, Ty. B base
Barrington.....	21	0.7257	12,610	32,025.02	I-11 pavt.
Barrington Hills....	2	2.7595	35,616	10,192.67	A-1 treat.
Bartlett.....	4	0.3862	4,501	4,699.53	B-5 surf. & A-2 treat.
Batavia.....	33	0.5522	8,416	48,282.53	B-5 & sheet asph. surf., Ty. B base
Beardstown.....	38	0.2144	4,455	41,356.25	I-11 pavt., C&G
Bellflower.....	6	0.1157	774	8,880.95	A-3 treat., C&G
Belleville.....	69-Q	0.3211	6,342	14,860.75	I-11 pavt.
Belleville.....	49			182.24	Storm sewer
Belleville.....	71-Q	0.7927	15,405	26,944.40	I-11 pavt.
Belleville.....	72-Q	0.3320	5,540	11,757.20	I-11 pavt.
Belleville.....	67		3,276	94,736.83	PCC pavt.
Belleville.....	40-1			37,389.63	Medians, G, traffic signals
Belleville.....	63-WQ	0.6909	14,973	135,231.35	I-11 pavt., C
Bellevue.....	14	0.1928	3,394	7,758.78	B-5 surf., C&G
Bellwood.....	39			46,878.40	Street lighting
Bellwood.....	46			32,181.90	Street lighting
Bellwood.....	42	0.9013	16,172	142,319.05	I-11 pavt., WB Mac. base
Bellwood.....	43			3,444.92	Curb and Gutter
Bellwood.....	48	1.7201	3,000	28,606.50	I-11 pavt.
Bellwood.....	38			16,561.51	Street lighting
Belvidere.....	38-B	0.2794	4,552	192,877.46	B-5 surf. Ty. B base, 2 bridges, C&G
Belvidere.....	39	0.1263	1,491	3,683.00	I-11 pavt.
Belvidere.....	40	0.9660	11,469	44,758.40	I-11 pavt.
Bensenville.....	14	0.7619	16,163	47,345.85	I-11 pavt.
Benton.....	19	1.0106	23,636	2307,571.65	I-11 pavt., C&G
Berwyn.....	58			38,483.52	Rehab. traffic signals
Bloomington.....	148	1.1085	26,581	44,907.10	I-11 pavt., C&G
Blue Island.....	46	0.3969	7,355	77,536.90	I-11 pavt., Ty. B base, bridge
Blue Island.....	47	0.2063	3,205	11,353.70	I-11 pavt.
Bourbonnais.....	24-Q	0.7382	12,132	290,160.00	A-3 treat., Ty. B base
Bradley.....	27-Q	0.0938	2,306	13,395.04	B-5 surf., Ty. B base
Breese.....	8	1.8750		35,505.41	A-1 treat., C&G, SS
Brookfield.....	61	0.3274	6,146	235,276.87	I-11 pavt., WB Mac. base, C&G
Brookfield.....	62	0.3019	5,532	239,140.75	I-11 pavt., WB Mac. base, C&G
Brookfield.....	63	0.0886	1,927	212,055.25	I-11 pavt., WB Mac. base, C&G
Buckley.....	7-Q	0.1340	1,547	5,320.25	A-3 treat.
Burnham.....	7	0.1453	2,390	4,508.50	Mod. plant mix
Bushnell.....	26	0.9671	14,172	264,737.49	B-5 surf.
Byron.....	14-FL			13,672.65	Flashing light signals
Byron.....	14-SS			7,824.10	Storm sewers
Cairo.....	32	1.7960	34,335	171,947.37	I-11 pavt., Ty. A & WB Mac. base, C&G
Calumet City.....	45	0.8451	17,636	96,320.85	I-11 pavt., WB Mac. base, C&G
Calumet City.....	46			23,221.00	Rehab. storm sewer
Calumet City.....	44	8.1663	138,671	220,292.15	I-11 pavt., plant mix surf.
Calumet City.....	47			13,174.20	Bar screen for pump station
Calumet City.....	44.1	7.8765	143,245	223,169.57	I-11 pavt., mod. plant mix surf.
Calumet City.....	44.2	7.5571	134,065	2166,904.23	I-11 pavt., mod. plant mix surf.
Calumet Park.....	15	0.5960	10,046	60,399.60	Mod. plant mix, Ty. B base
Canton.....	51	1.1039	22,051	2146,941.21	B-5 surf., Ty. B base, C&G
Carlyle.....	12-Q	1.2356	3,560	185,680.88	I-11 pavt., Ty. B base, C&G
Carmi.....	24	0.7952	15,371	33,773.21	I-11 pavt.
Carpentersville.....	13	1.1604	18,668	64,885.10	B-5 surf., SC base
Carpentersville.....	11	0.1326	2,110	27,306.75	PCC pavt., C&G
Carterville.....	14	0.7415	2,610	55,533.07	I-11 pavt.
Cary.....	10	0.1130	2,189	12,980.56	Ty. A surf., C&G
Cedarville.....	1-D			4,466.80	Underdrain, SS
Cedarville.....	4-S	0.1008	490	1,615.27	A-3 treat.

LOCAL ROADS AND STREETS

TABLE 63.—Continued.

Municipality	Section CS	Length (Miles)	Surface (Square Yards)	Contract Price	Type
Champaign.....	107	0.5883	15,681	1190,853.06	I-11 pavt., bridge, C&G, SL, TL
Champaign.....	118	0.4045	2,123	16,687.70	I-11 pavt., C&G, SL
Champaign.....	129			72,048.34	Rehab. traffic signals
Champaign.....	130			12,856.08	Traffic signals
Charleston.....	32	0.3602	5,054	63,919.99	I-11 pavt., PCC wid.
Chebanse.....	5-Q	0.5734	6,250	3,809.29	A-3 treat.
Chicago.....	2 secs.			473,716.56	Auxiliary outlet sewers
Chicago.....	2 secs.			809,193.00	Repair of sidewalks, railings, C&G on viaducts
Chicago.....	4 secs.			419,898.15	Repair & replacement of side- walks, C&G
Chicago.....	1 sec.			48,333.14	Thermo-plastic pavt. marking
Chicago.....	6 secs.			364,712.35	Intersection wid., medians, C&G
Chicago.....	3 secs.	0.6545	14,965	189,933.20	I-11 pavt., PCC base, C&G
Chicago.....	1 sec.	0.1167	2,754	5,490.75	I-11 pavt.
Chicago.....	3 secs.	1.8913	57,157	223,446.23	I-11 pavt., base wid., C&G
Chicago.....	1 sec.	1.0053	38,229	379,242.65	I-11 pavt., PCC base wid., C&G, medians
Chicago.....	1 sec.			9,987.00	Steel stairway
Chicago (Expwy.).....	2 secs.			111,900.00	Building removal
Chicago (Expwy.).....	1 sec.			122,933.95	Underpass lighting
Chicago (Expwy.).....	1 sec.			548,174.00	Main drain
Chicago Heights.....	66			33,441.00	Street lighting
Chicago Heights.....	79			20,317.10	Street lighting
Chicago Ridge.....	4			34,270.25	Storm sewers
Clarendon Hills.....	9	0.0733	1,032	3,999.00	Ty. B base
Clarendon Hills.....	10-TL			1,722.85	School crossing signals
Clifton.....	8-Q	0.6017	6,469	3,176.75	A-3 treat.
Clinton.....	20			7,484.40	Traffic signals
Clinton.....	19-B	0.0947	1,768	59,611.19	Bridge, A-3 treat. approaches
Colfax.....	13-SS			12,936.29	Storm sewer
Columbia.....	9-G			557.60	Flashing light signals
Dana.....	5-S	0.2680	3,370	2,587.90	A-3 treat.
Danville.....	77	0.3245	5,660	54,974.80	PCC pavt., Ty. B base, C&G
Danville.....	84	0.3169	8,868	18,591.65	I-11 pavt.
Danville.....	82	0.4292	10,252	20,351.45	I-11 pavt.
Danville.....	86	0.5180	8,130	34,124.95	I-11 pavt.
Danville.....	83	0.9759	19,263	90,564.80	I-11 pavt.
Danville.....	85	0.2509	4,277	67,247.40	PCC pavt., C&G
Danville.....	78	0.1338	2,790	40,582.10	PCC pavt., C&G, sidewalk
Decatur.....	105-FL			27,380.91	Flashing light signals
Decatur.....	113			7,254.50	Traffic signals
Deer Creek.....	11-FL			1500.00	Flashing light signals
Deer Creek.....	12	0.0943	1,550	5,814.80	A-3 treat., C&G
Deerfield.....	14-TL			1,427.65	Traffic signals
Deerfield.....	11-TL			1,832.50	Traffic signals
Deerfield.....	12	0.0847	1,297	8,750.40	PCC pavt.
Deerfield.....	13			2,027.30	PCC curb & sidewalk
Deerfield.....	8-B			115,699.09	Bridge, B-5 surf. approaches
Deerfield.....	16	0.5775	8,294	24,367.63	I-11 pavt., PCC wid., WB Mac. base
Deerfield.....	18			3,183.10	PCC sidewalk
Deerfield.....	15-TL			13,845.00	Traffic signals
Deerfield.....	17			15,734.22	Underpass remodeling
DeKalb.....	39-TL			8,284.60	Traffic signals
DeKalb.....	40-TL			9,782.00	Traffic signals
Des Plaines.....	52	2.6752	36,986	160,004.15	B-4 surf. & I-11 pavt., C&G, SS
Des Plaines.....	54			13,983.55	RR crossing protection
Des Plaines.....	55			82,057.35	Traffic signals
Des Plaines.....	57	0.2526	4,835	44,056.50	I-11 pavt., PCC wid., C&G
Des Plaines.....	58	0.1134	1,730	14,883.26	I-11 pavt., Ty. A base, C&G
Dolton.....	31			113,981.50	Flashing light signals
Dolton.....	35	1.4419	34,635	52,984.50	I-11 pavt., mod. plant mix surf., C&G
Dolton.....	36			120,464.50	Street lighting
Donovan.....	3			12,225.75	Curb & gutter, sidewalk
Downers Grove.....	26-TL			7,917.45	Traffic signals
Downs.....	7-S	0.0833	2,254	13,076.36	B-5 surf.
DuQuoin.....	24	0.9793	12,065	92,011.90	I-11 pavt.
Durand.....	7-S	0.0979	1,740	11,171.10	A-3 treat., Ty. B base, C&G, SS
Durand.....	8-S	0.4791	7,227	4,651.01	A-3 treat.
East Dundee.....	14	0.8619	11,630	10,862.45	B-5 surf.
East Moline.....	36-FL			2,693.15	Wid. RR crossing
East Moline.....	39-B			22,543.36	RC box culv.

LOCAL ROADS AND STREETS

TABLE 63.—Continued.

Municipality	Section CS	Length (Miles)	Surface (Square Yards)	Contract Price	Type
East Moline.....	43-S	0.3657	5,739	6,586.54	B-5 surf.
East Peoria.....	50	0.1136	2,466	28,474.91	B-5 surf., Ty. B base, C&G
East Peoria.....	51	0.2938	7,612	22,702.47	B-5 surf., Ty. B base, C&G
East Peoria.....	49	0.2169	4,118	15,863.94	B-5 surf., Ty. B base, C&G
East Peoria.....	52	0.4121	7,195	27,295.68	B-5 surf.
East St. Louis.....	88-Q	0.6567	16,485	179,171.66	I-11 pavt., Ty. B base, C&G, sidewalk
East St. Louis.....	87-Q	0.7833	17,000	298,183.59	I-11 pavt., Ty. B base, C&G
East St. Louis.....	96-Q	0.2784	7,270	22,869.00	I-11 pavt.
Elgin.....	66	1.1343	21,187	43,551.81	B-5 mod. surf., C&G
Elizabeth.....	6	0.1448	3,000	18,328.95	A-3 treat., Ty. B base, C&G
Ellsworth.....	5-Q			12,573.42	B-5 surf.
Elmhurst.....	69	0.4659	42,010	76,169.95	B-5 surf.
El Paso.....	18	0.3769	4,823	5,629.60	Bit. road mix surf.
Erie.....	13	0.3217	7,303	231,937.00	Ty. B surf. C&G
Evanston.....	72			61,500.56	Traffic signals
Evanston.....	75	5.1279	90,830	171,153.78	I-11 pavt.
Fairbury.....	9			24,930.15	PCC wid., C&G
Fairbury.....	10-Q	0.3283	5,941	17,681.15	A-3 treat., Ty. B base, SS
Fairbury.....	11-Q	0.3689	5,846	14,260.91	A-3 treat., Ty. B base, C&G
Flossmoor.....	11	0.1742	3,500	15,567.80	B-5 surf., Ty. B base, C&G
Flossmoor.....	12	0.2318	3,600	20,186.10	B-5 surf., Ty. B base, C&G
Forest Park.....	46	0.2446	5,200	38,979.90	I-11 pavt., C&G
Forest Park.....	45	0.3939	5,900	34,929.20	I-11 pavt., SL
Forest View.....	3	0.2104	932	37,657.15	I-11 pavt., Ty. A base, C&G
Freeport.....	41-S	2.8298	46,999	73,499.00	B-5 surf.
Freeport.....	42-SS			15,786.20	Storm sewer
Fulton.....	12-S	0.5030	12,390	63,081.51	A-3 treat., Ty. B base, C&G
Galesburg.....	86	0.5320	13,363	31,982.70	I-11 pavt.
Galesburg.....	86-1	0.2806	6,900	62,956.80	I-11 pavt., C&G
Galesburg.....	86-2	0.4508	9,913	90,451.73	I-11 pavt., PCC wid., C&G
Galesburg.....	91	1.0730	24,780	48,433.65	I-11 pavt., RR crossing
Galesburg.....	90	0.2324	10,927	28,369.55	I-11 pavt., C&G
Galesburg.....	7-3			2,397.60	School crossing signals
Geneseo.....	11-S	0.8730	24,594	122,253.48	I-11 pavt.
Geneva.....	27			192,876.10	Rehab. C&G, SL, TL
Georgetown.....	14	0.2380	4,559	30,113.85	I-11 pavt., PCC wid.
Gilman.....	16-L			4,878.00	Street lighting
Glen Ellyn.....	30	3.7494	50,868	48,759.42	I-11 pavt. & A-1 treat.
Glencoe.....	14	1.7403	21,020	38,990.95	I-11 pavt.
Glencoe.....	15	1.3744	17,501	28,770.25	I-11 pavt.
Glenview.....	26	0.6703	12,058	18,283.00	I-11 pavt.
Golconda.....	5			5,959.25	Storm sewer
Goodfield.....	1-Q	0.0729	1,027	3,093.00	B-5 surf., Ty. B base
Gorham.....	2	0.0284	300	5,380.65	RC box culv., Ty. B surf. approaches
Grafton.....	7-Q-1	0.2492	3,360	3,082.40	A-3 treat.
Granite City.....	57-Q	0.1638	4,000	26,733.11	A-3 treat., Ty. B base, C&G
Granite City.....	58-Q	0.1483	2,841	25,142.88	A-3 treat., Ty. B base, C&G
Granite City.....	60-Q	0.2501	4,400	25,516.91	A-3 treat., Ty. B base, C&G
Granite City.....	61-Q	0.2121	3,685	36,080.30	A-3 treat., Ty. B base, C&G
Granite City.....	71-Q	0.7301	16,817	75,964.60	I-11 pavt.
Granite City.....	62-Q	0.3098	5,815	38,661.93	A-3 treat., Ty. B base, C&G, sidewalk
Granite City.....	63-Q	0.0522	920	7,870.48	A-3 treat., Ty. B base, C&G
Gridley.....	5	0.2621	3,380	6,116.20	Ty. B surf., grading
Gurnee.....	11			674.10	PCC median, C&G
Hanover.....	12			17,376.95	Rehab. C&G, sidewalk
Harvard.....	17	0.1283	2,587	11,176.28	B-5 surf., Ty. B base, C&G
Harvard.....	18	0.3972	16,582	22,651.96	B-5 mod. surf.
Harvey.....	60	3.7250	68,171	110,586.40	Mod. plant mix, Ty. B base, C&G
Hebron.....	1-L			19,929.60	Street lighting
Henry.....	13-Q	0.1677	2,260	1,386.80	A-3 treat.
Henry.....	12-G	0.4091	5,843	17,360.77	Ty. B surf., A-3 treat., C&G
Hickory Hills.....	2	0.3900	6,586	51,968.67	Mod. plant mix, Ty. B base, C&G, SS, culv.
Highland Park.....	41-TL			38,583.82	Traffic signals
Highland Park.....	49	0.2051	3,063	35,108.99	PCC pavt., C&G, SS
Highland Park.....	38	0.0816	1,670	21,735.15	PCC pavt., C&G, SS
Highland Park.....	53			11,637.90	Sidewalk
Highland Park.....	18	0.5016	6,126	291,994.85	PCC pavt., C&G
Hinsdale.....	19	1.5246	26,400	57,924.35	I-11 pavt.
Hodgkins.....	3			31,386.27	Sidewalk
Hoffman Estates.....	4	1.2612	17,915	47,498.33	I-11 pavt., A-3 treat.
Hometown.....	10	1.4394	22,098	36,942.15	Mod. plant mix
Homewood.....	30	0.2205	4,655	18,388.05	I-11 pavt., SC base
Homewood.....	31	0.4848	3,072	44,046.20	I-11 pavt., A-3 treat., C&G

LOCAL ROADS AND STREETS

TABLE 63.—Continued.

Municipality	Section CS	Length (Miles)	Surface (Square Yards)	Contract Price	Type
Huntley	10	0.3481	5,794	9,359.90	I-11 pavt., A-2 treat., C&G
Itasca	11-SS			1,186.00	Storm sewer
Itasca	12	0.5458	6,404	35,771.24	A-3 treat., Ty. B base
Joliet	115	0.7510	19,938	¹ 132,067.17	I-11 pavt., Ty. A base, C&G
Joliet	126-TL			5,135.55	Traffic signals
Joliet	110-L			21,697.05	Street lighting
Joliet	122-TL-L			18,139.69	Traffic signals & street lighting
Joliet	125	0.4771	10,935	102,385.35	I-11 pavt., Ty. A base, C&G, SS
Joliet	116	0.4836	10,891	108,983.25	I-11 pavt., Ty. A base, C&G
Kankakee	154-Q	0.3486	9,192	35,253.73	I-11 pavt.
Kankakee	155-Q	0.1939	3,924	28,284.68	A-3 treat., Ty. B base, C&G
Kankakee	162			4,602.00	CMP culv.
Kankakee	156-Q	0.2301	5,457	² 41,403.20	B-5 surf., Ty. A base, C&G
Kankakee	165-Q	0.1061	1,522	8,457.05	B-5 surf., Ty. A base, C&G
Kankakee	164-Q	0.7855	17,098	43,758.06	I-11 pavt., C&G, SS
Kewanee	44	1.4229	27,623	62,852.50	I-11 pavt.
Kewanee	45a-S	0.1419	3,983	29,936.00	I-11 pavt., PCC pavt., C&G
Lake Bluff	9	0.2989	3,760	8,790.30	I-11 pavt.
Lake Bluff	8-B (Part 1A)			¹ 25,118.85	CMP culv.
Lake Forest	21	0.1404	2,725	25,757.55	I-11 pavt.
Lake Forest	23	0.2470	6,360	9,416.00	I-11 pavt.
Lakemoor	3	0.0473	538	5,397.00	A-3 treat., Ty. B base, CMPP arch
Lansing	26	1.1091	18,310	66,111.05	Mod. plant mix, C&G
Lansing	22	1.4380	25,516	¹ 25,000.00	PCC pavt.
LaSalle	20	1.6550	30,472	84,721.22	I-11 pavt., C&G
Lawrenceville	19	0.6919	16,848	53,778.89	B-4 surf.
Lemont	16	0.5729	11,428	33,545.00	I-11 pavt., C&G
Libertyville	11	0.4665	8,080	² 79,982.76	PCC pavt.
Libertyville	12	0.8966	12,231	24,671.06	I-11 pavt. & B-5 mod. surf.
Lincoln	30	0.4527	11,539	107,657.20	I-11 pavt., PCC wid., C&G
Litchfield	9	0.3420	7,834	¹ 35,045.80	I-11 pavt.
Lockport	23-TL			1,910.95	School crossing signals
Lombard	47-TL			6,599.00	Traffic signals
Lombard	48	6.1200	23,934	² 575,257.73	PCC pavt.
Lombard	50	1.1818	20,772	48,479.17	I-11 pavt.
Lombard	52	0.0934	940	9,137.60	I-11 pavt., C&G
Loves Park	14-SS			31,899.30	Storm sewer
Loves Park	15-B			27,271.35	Bridge
Lyons	24	2.5867	33,835	25,695.50	I-11 pavt.
Lyons	25	0.2447	3,150	² 20,876.00	I-11 pavt., WB Mac. base, C&G
Lyons	26			41,882.50	Rehab. street lights
McHenry	12-T	0.1115	3,058	3,103.90	B-5 surf.
McHenry	9-T	0.2413	5,113	7,969.77	B-5 surf.
Macomb	52	0.4463	7,355	256,687.04	B-5 surf., asph. base, C&G
Macomb	53	1.1515	33,600	² 325,392.60	B-5 surf., asph. base, C&G
Madison	6-1-Q	0.1073	2,545	13,659.75	I-11 pavt.
Manteno	21-Q	0.2828	5,883	4,374.54	A-3 treat.
Manteno	22-Q	0.5233	6,681	¹ 11,704.91	A-3 treat.
Maple Park	5	0.1464	5,153	7,992.75	B-5 surf., Ty. B base
Mark	7	0.5434	4,177	2,143.05	A-1 treat., Ty. B base
Marseilles	18	0.3466	7,291	14,587.13	I-11 pavt.
Mattoon	48			14,058.55	Traffic signals
Mattoon	49			38,048.67	Street lighting
Maywood	48			18,235.22	Traffic signals
Melrose Park	43			18,235.23	Traffic signals
Melrose Park	48	0.6954	13,872	² 113,815.60	I-11 pavt., WB Mac. base, C&G
Merrionette Park	7			3,412.08	Street lighting
Midlothian	8			² 397,576.97	Storm sewer
Minier	4	0.2676	3,790	8,990.90	A-3 treat.
Minonk	16-Q	0.1697	2,208	1,606.34	A-3 treat.
Moline	77-TL			6,662.88	Traffic signals
Moline	78-TL			1,941.89	Traffic signals
Moline	81	1.0718	20,583	111,449.68	A-3 treat., Ty. B base, bit. conc. C
Moline	82	0.4523	13,067	¹ 125,628.52	PCC pavt., integral C
Morrison	12-S	2.6381	49,354	24,841.33	A-3 treat.
Morton	40	0.0954	1,820	27,775.65	B-5 surf., Ty. B base, C&G
Morton	41	0.1583	3,278	23,906.40	B-5 surf.
Morton	42	0.4369	8,829	29,972.50	B-5 surf.
Morton	39	0.3449	7,309	28,315.20	B-5 surf.
Morton Grove	31	0.6335	17,545	54,878.00	I-11 pavt., pozzolanic base, C&G
Morton Grove	32	0.5060	8,580	24,874.25	I-11 pavt.

LOCAL ROADS AND STREETS

TABLE 63.—Continued.

Municipality	Section CS	Length (Miles)	Surface (Square Yards)	Contract Price	Type
Morton Grove.....	33	4.7338	87,545	2636,305.50	I-11 pavt., pozzolanic base, PCC wid.
Mount Prospect.....	19	2.9494	43,196	89,902.25	I-11 pavt., WB Mac. base, C&G
Mt. Carroll.....	9-S	0.0531	1,869	11,977.90	A-3 treat.
Mt. Carroll.....	10-SS			7,590.00	Rehab. SS, catch basins, man- holes
Mt. Morris.....	20-SS			13,785.00	Storm sewer
Mt. Sterling.....	10	0.6200	13,796	287,874.95	B-5 surf., asph. base, C&G
Mt. Vernon.....	46	0.4364	10,344	191,878.50	I-11 pavt., PCC wid., C&G, TL
Mt. Vernon.....	47			1	R.C. box culv.
Mundelein.....	8.1-L			211,616.08	Street lighting
Mundelein.....	14	1.7690	65,875	36,336.90	B-5 surf.
Naperville.....	32-T	0.7475	10,525	20,839.20	B-5 surf.
Naperville.....	34	0.3772	9,496	47,704.29	B-5 surf., Ty. B base, C&G
Naperville.....	35	0.0682	1,300	14,842.30	I-11 pavt., Ty. B base, C&G
Nelson.....	5	0.1337	2,794	8,160.25	Ty. B surf., C&G
Newton.....	12	0.2327	3,653	30,211.91	B-3 surf., Ty. B base, C&G
Niles.....	17			1	Storm sewer
Normal.....	46-Q	0.2002	4,754	11,129.00	B-5 surf.
Normal.....	46-G	0.2002	1,292	24,748.18	Ty. B base wid., C&G
Norridge.....	11	0.2466	3,616	22,740.40	I-11 pavt., WB Mac. base, C&G, sidewalk
Norridge.....	10			243,199.25	Street lighting
Norridge.....	13	0.3616	2,910	220,409.40	I-11 pavt., WB Mac. base wid.
North Aurora.....	11-TL			1,581.10	Rehab. traffic signals
North Aurora.....	12-SS			4,008.60	Storm sewer
North Barrington.....	1	0.0380	465	3,265.52	A-3 treat.
North Chicago.....	46			3,152.34	Flashing light signal relocation
North Chicago.....	50	0.8108	2,279	114,356.63	I-11 pavt., Ty. B base, C&G
North Chicago.....	51	0.5225	2,925	30,620.97	PCC wid., C
North Chicago.....	53	0.2411	5,650	8,971.48	I-11 pavt.
North Chicago.....	54	0.4964	8,620	11,302.66	I-11 pavt.
North Chicago.....	52-L			9,725.50	Street lighting
North Riverside.....	21	0.1829	837	60,413.65	I-11 pavt., WB Mac. base, C&G, SS
Northbrook.....	26	0.2437	6,596	43,100.02	PCC pavt., C
Oak Forest.....	5	1.6656	67,423	151,384.25	I-11 pavt., Ty. B base, C&G
Oak Grove Park.....	2	0.1902	2,277	4,514.55	B-5 surf., Ty. B base
Oak Lawn.....	40&41	0.5035	8,655	273,633.15	I-11 pavt., WB Mac. base, C&G
Oak Lawn.....	33			17,787.70	Traffic signals
Oak Park.....	124	0.7955	21,270	172,364.05	I-11 pavt., pozzolanic base, C&G
Oak Park.....	125	0.7487	22,365	189,153.55	I-11 pavt., pozzolanic base, C&G
Oak Park.....	126			188,642.45	Street lighting & traffic signals
Oak Park.....	127	18.0289	296,485	72,325.00	A-1 treat.
Oblong.....	3	0.1778	2,660	19,551.18	B-3 surf., Ty. B base, C&G
O'Fallon.....	13	0.2794	5,400	42,398.30	Oiled earth, C&G, SS
Onarga.....	14-Q	1.6780	18,350	41,515.30	A-2 treat., Ty. B base wid.
Ottawa.....	74			8,533.05	Intersection repair
Ottawa.....	78	0.0200	109	12,330.00	I-11 pavt., sidewalk
Palatine.....	16	0.2869	6,228	66,580.50	I-11 pavt., WB Mac. base, C&G
Paris.....	27	0.5017	7,332	117,119.30	PCC pavt., G
Park Forest.....	26	0.8032	10,550	23,947.50	Bit. plant mix
Park Forest.....	32	0.5865	8,550	12,167.00	Bit. plant mix
Park Forest.....	25	0.3486	9,008	35,363.88	Bit. plant mix, C&G
Park Forest.....	23			19,524.95	Traffic signals
Park Forest.....	31			10,190.95	Rehab. traffic signals
Park Ridge.....	39			16,982.80	Traffic signals
Park Ridge.....	42	0.7872	13,601	96,178.58	I-11 pavt., Ty. B base, C&G
Paxton.....	21-SS			20,575.65	Storm sewer
Pearl City.....	7-S	0.3818	5,527	16,403.10	A-3 treat., Ty. B base
Pecatonica.....	7-S	0.5141	9,362	35,539.48	A-3 treat., C&G
Pekin.....	73-B			14,155.20	RC box culv.
Pekin.....	74-B			19,379.25	RC box culv.
Pekin.....	77	0.1634	3,064	210,090.59	B-5 surf., Ty. B base, C&G
Pekin.....	83	0.5477	9,900	225,995.42	B-5 surf., Ty. B base, C&G
Peoria Heights.....	53	0.1136	2,590	9,029.85	B-5 surf., C&G
Peoria Heights.....	50	0.1169	3,027	210,656.65	B-5 surf., Ty. B base, C&G
Peoria Heights.....	51	0.1306	2,730	215,910.55	B-5 surf., Ty. B base, C&G
Peru.....	11	1.1852	19,523	59,648.95	I-11 pavt., Ty. B base
Phoenix.....	11	0.7252	10,868	144,261.06	Bit. plant mix, Ty. A base, C&G

LOCAL ROADS AND STREETS

TABLE 63.—Continued.

Municipality	Section C S	Length (Miles)	Surface (Square Yards)	Contract Price	Type
Pittsfield.....	9	0.1284	2,155	7,795.00	I-11 pavt.
Plano.....	10	0.1326	467	2,282.67	Ty. B surf.
Prophetstown.....	10-S	0.5641	12,710	277,141.60	B-5 surf., Ty. B base, C&G
Quincy.....	130-TL			11,486.80	Traffic signals
Quincy.....	122	0.5090	10,410	253,617.41	B-5 surf., Ty. A base, C&G
Rantoul.....	26	1.8872	34,583	197,163.27	I-11 pavt., SC base, C&G
Red Bud.....	12	0.2320	3,910	124,382.12	A-3 treat., Ty. A base, C&G
River Forest.....	30	0.4937	7,252	18,129.56	I-11 pavt.
River Forest.....	28	0.6561	12,388	72,894.05	I-11 pavt., PCC base, C&G
River Forest.....	31			2,140.00	Traffic signals
River Forest.....	32			14,888.45	Curb & gutter
River Grove.....	10			11,971.40	Flashing light signals
Riverdale.....	24	0.1882	6,570	61,359.95	Mod. plant mix, Ty. A base, C&G
Riverside.....	26	4.3183	52,035	11,704.97	A-1 & A-2 treat.
Robinson.....	25	0.8743	15,098	22,377.60	B-4 mod. surf.
Rochelle.....	24-B			27,775.20	Bridge
Rock Falls.....	35	0.6915	15,408	2102,740.00	B-5 surf., Ty. B base, C&G
Rock Island.....	55-S	2.5808	47,040	288,668.28	I-11 pavt.
Rock Island.....	48	0.3877	11,224	2136,750.90	PCC pavt., C&G
Rockford.....	179	0.3457	10,623	207,457.20	PCC pavt., I-11 pavt., C&G, TL, SS
Rockton.....	9-S	2.4879	34,146	24,491.15	A-3 treat.
Rolling Meadows.....	11			18,803.50	Bridge
Rolling Meadows.....	15	0.3286	3,600	9,679.80	A-1 mod. treat., Ty. A base
Round Lake Park.....	7	0.1021	1,188	9,811.10	A-3 treat., Ty. B base
St. Anne.....	9-Q	0.0613	936	2,544.50	A-3 treat.
Sandwich.....	21	0.1806	4,851	38,747.16	I-11 pavt., Ty. B base
Sauk Village.....	1	0.3739	5,500	42,015.85	Mod. plant mix, Ty. B base, C&G
Secor.....	4-Q	1.2527	14,243	8,138.74	A-3 treat.
Seneca.....	6	0.5915	7,279	9,658.10	B-5 surf., A-1 & A-3 treat.
Seneca.....	7	0.2938	318	229,500.35	I-11 pavt., C&G, sidewalk
Shabbona.....	8-T	0.2387	5,791	2,445.36	A-3 mod. treat.
Skokie.....	42			14,677.00	Traffic signals
Skokie.....	48			12,272.19	Traffic signals
Skokie.....	32	0.2954	4,867	28,351.60	I-11 pavt., WB Mac. base, C&G
Skokie.....	47			229,888.80	Traffic signals
Skokie.....	50			80,811.55	Street lighting
Skokie.....	40			17,880.50	Traffic signals
Skokie.....	51			43,290.10	Street lighting
Somonauk.....	9	0.0540	1,248	3,864.38	A-3 treat., Ty. B base
So. Chicago Heights.....	14	0.2458	4,038	19,584.22	I-11 mod. pavt., C&G
South Elgin.....	10	0.7231	10,357	12,958.50	B-5 surf.
South Holland.....	14	2.3875	36,943	75,929.68	Mod. plant mix
South Pekin.....	7			3,245.00	Intersection returns
South Wilmington.....	6-Q	0.7898	9,170	3,657.38	A-3 treat.
Sparland.....	6-Q	0.1733	2,400	1,590.00	A-3 treat.
Springfield.....	141			2,019.94	Flashing light signals
Springfield.....	144	2.8250	77,798	178,385.65	I-11 pavt.
Springfield.....	126	0.0720	1,703	21,508.06	I-11 pavt., C
Springfield.....	149	0.2047	1,333	238,272.51	B-5 surf., Ty. A base, C&G
Spring Grove.....	5	0.8208	9,969	4,087.80	A-2 & A-1 treat.
Spring Valley.....	16-S	0.3518	13,682	13,783.03	I-11 pavt.
Steger.....	12	0.0123	125	1,644.25	I-11 mod. pavt. & PCC pavt.
Sterling.....	46-SS			23,451.95	Storm sewer
Stillman Valley.....	4-S	0.0657	2,128	12,368.75	A-3 treat., Ty. B base, C&G, SS
Stockton.....	14	0.1883	5,115	22,396.45	Ty. B surf., C&G
Streamwood.....	2	0.6619	17,028	29,592.08	I-11 pavt.
Streator.....	24	0.7631	14,829	91,938.25	B-5 surf., PCC wid., A-3 treat., Ty. B base, C&G
Sullivan.....	16			6,597.27	Traffic signals
Sycamore.....	29	0.4031	8,388	82,698.80	Sheet asph. pavt., C&G, SS
Thornton.....	13	0.0493	930	5,882.50	Mod. plant mix, Ty. B base, C&G
Tonica.....	8	0.2405	3,008	5,736.60	Ty. B surf.
Trenton.....	5			14,076.85	Curb & gutter
Tuscola.....	7-FL			11,768.17	Flashing lights, RR crossing work
Urbana.....	91	0.1509	2,390	229,389.80	PCC pavt., C&G, sidewalk, SL
Vandalia.....	26	0.4233	7,106	68,718.53	A-3 treat., SC base, C&G
Villa Park.....	33	1.6324	25,399	62,250.35	B-5 mod. surf.
Washburn.....	14	0.1619	1,467	1,522.10	A-1 mod. treat.
Washington.....	35	0.0972	1,840	26,667.20	B-5 surf., Ty. B base, C&G

LOCAL ROADS AND STREETS

TABLE 63.—Concluded.

Municipality	Section OS	Length (Miles)	Surface (Square Yards)	Contract Price	Type
Washington-----	36	0.0555	976	1,291.00	I-11 pavt.
Washington-----	38	0.1252	2,351	29,153.45	B-5 surf., Ty. B base, C&G
Washington-----	39	0.1161	2,200	212,107.05	B-5 surf., Ty. B base, C&G
Washington-----	40	0.0679	1,337	5,776.80	B-5 surf., Ty. B base, C&G
Washington-----	41	0.0511	5,455	7,237.00	I-11 pavt.
Washington Park---	12-W	0.4850	4,370	57,650.53	PCC wid., C&G
Watseka-----	22	0.8989	11,810	54,261.95	A-3 treat.
Wauconda-----	7			5,990.70	Curb & gutter
Waukegan-----	110	0.5223	5,551	79,903.04	PCC wid., C&G
Waukegan-----	115	1.4366	94,677	71,227.95	I-11 pavt., pozzolanic base, C&G
Waukegan-----	118	0.2446	4,872	38,513.06	I-11 pavt., pozzolanic base, C&G
Waukegan-----	117-L			19,892.62	Street lighting
Wayne-----	2-SS			5,894.80	Storm sewer
West Chicago-----	17	0.6980	13,769	52,664.46	I-11 pavt., A-3 treat., Ty. B base
West Chicago-----	18	0.3974	5,230	28,134.50	A-3 treat., Ty. B base
Westchester-----	21	2.5864	42,503	160,304.04	I-11 pavt., C&G
Western Springs---	29			16,000.00	Storm sewer
Westville-----	15	0.1305	2,437	33,267.10	I-11 pavt., PCC wid.
Wheaton-----	33	0.3035	1,549	276,703.55	I-11 pavt., Ty. A base, C&G, RC box culv.
White Hall-----	9-1	0.2536	5,342	34,122.31	A-3 treat., Ty. A base, C&G
Willow Springs---	9	0.5000	6,080	32,830.90	A-3 treat., WB Mac. base
Wilmette-----	48	1.0804	13,310	64,376.00	I-11 pavt., PCC pavt., C, sidewalk
Wilmette-----	51	5.1279	90,830	116,714.00	I-11 pavt.
Wilmette-----	50			30,234.50	Sidewalk, C&G
Wilmette-----	47	0.3134	5,910	57,129.30	I-11 pavt., WB Mac. base, C&G
Winnebago-----	14-2	0.4514	9,601	27,978.65	A-3 treat., Ty. B base, C&G
Winnetka-----	36	1.5466	20,517	27,184.00	I-11 pavt.
Winnetka-----	37	0.1508	3,150	15,956.30	I-11 pavt., C&G
Winnetka-----	38	0.3797	5,730	324,493.50	I-11 pavt., C&G
Winthrop Harbor---	5	0.3030	6,927	56,587.69	PCC pavt., C, SS
Wood River-----	24	0.0196	246	11,911.00	PCC pavt.
Woodstock-----	35	0.4960	10,911	81,908.87	B-5 mod. surf., Ty. B base, C&G
Yorkville-----	3	0.3394	4,025	16,205.49	A-3 treat., Ty. B base
Zion-----	23	2.1766	49,100	52,940.00	B-5 surf.
Total-----	467	252.2650	4,915,835	\$22,195,086.85	

NOTES

Costs shown for the City of Chicago do not include the cost of adjusting utility equipment by city forces.

1. Work done in conjunction with a county, adjoining municipality, railroad, state, or work paid for in part with other funds. Only the MFT portion (portion known at time of table preparation) of the contract price is included in this table.

2. Special assessment or bond issue projects. The amount shown is the full contract price. The cost to be retired with MFT funds, for most of the projects, if any, not known at the time of table preparation.

3. Does not include force account work by city forces.

Abbreviations shown in above table:

Agg.	—Aggregate	PCC	—Portland Cement Concrete
Asph.	—Asphalt	RO	—Reinforced Concrete
Bit.	—Bituminous	Rehab.	—Rehabilitation
C	—Concrete Curb	RR	—Railroad
C&G	—Combination Concrete Curb & Gutter	SC	—Soil Cement
Cem.	—Cement	Sec.	—Section
OMP	—Corrugated Metal Pipe	Secs.	—Sections
CMPP	—Corrugated Metal Plate Pipe	SL	—Street Lighting
Culv.	—Culvert	SS	—Storm Sewer
Expwy.	—Expressways	Surf.	—Surface
G	—Concrete Gutter	Treat.	—Treatment
Mac.	—Macadam	TL	—Traffic Signals
Mod.	—Modified	Ty.	—Type
Pavt.	—Pavement	WB	—Waterbound
		Wid.	—Widening

A-1, A-1 mod., A-2, A-3 and A-3 mod. treatments, B-3, B-4, B-4 mod., B-5 and B-5 mod. surfaces, and I-11, I-11 mod. and J-2 pavements refer to various types of bituminous surfaces in the Standard Specifications.

Ty. A base, ty. A surf., ty. B base, and ty. B surf. refer to various types of gravel or crushed stone bases and surfaces in the Standard Specifications.

LOCAL ROADS AND STREETS

TABLE 64.—MUNICIPAL DAY LABOR CONSTRUCTION AUTHORIZED DURING 1963.

Municipality	Section (CS)	Length (Miles)	Surface (Square Yards)	Estimated Cost	Type
Chicago.....	15 secs.	-----	-----	\$174,551.89	Rehabilitation of traffic control signals
Chicago.....	1 sec.	-----	-----	29,780.00	Bridge repair
Chicago.....	24 secs.	-----	-----	212,563.49	Traffic control signals
Chicago.....	1 sec.	-----	-----	342,639.16	Street lighting
Durand.....	8	0.4791	1,836	8,514.08	Gr. or cr. st. surf.
McLeansboro.....	9-B	-----	-----	5,555.10	RCP culvert
Minonk.....	16-RS	0.1697	2,407	2,054.10	Gr. or cr. st. surf.
Newton.....	13-L	-----	-----	7,826.25	Street lighting
Oak Park.....	118	-----	-----	3,922.00	Street lighting rehabilitation
Princeton.....	11-RS	0.4987	7,415	3,351.96	A-1 bituminous surf. treatment
Princeton.....	28-S	0.1841	3,202	907.48	A-3 bituminous surf. treatment
Taylorville.....	27	-----	-----	18,685.00	Water main installation
Vienna.....	7	0.1941	1,240	8,738.76	Gr. or cr. st. surf.
Totals.....	50	1.5257	16,109	\$819,089.27	

Meaning of abbreviations shown in the above table:

Cr. —Crushed
Gr. —Gravel
RCP—Reinforced Concrete Pipe
Sec. —Section
Secs.—Sections
St. —Stone
Surf.—Surface

LOCAL ROADS AND STREETS

TABLE 65.—MUNICIPAL CONSTRUCTION COMPLETED DURING 1963.

Municipality	Concrete Pavement and Surfaces on a New Concrete Base				Bituminous Surfaces		Gravel or Stone Surfaces	Oiled Earth	Earth Grading	Bridges 20-foot Span or Over
	Widening and Single-lane (0' to 15')	Two-lane (16' to 24')	Three-lane (25' to 35')	Four-lane (36' and over)	On an Existing Rigid Base	Not on a Rigid Base				
	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Number
Albion.....	-----	-----	-----	-----	-----	-----	-----	0.25	-----	-----
Alton.....	-----	-----	-----	0.06	0.05	-----	-----	-----	-----	-----
Arcola.....	0.13	-----	-----	-----	-----	-----	-----	-----	-----	-----
Arlington Heights.....	0.53	-----	-----	-----	-----	1.54	-----	-----	-----	-----
Arrowsmith.....	-----	-----	-----	-----	-----	0.18	-----	-----	-----	-----
Ashkum.....	-----	-----	-----	-----	0.19	-----	-----	-----	-----	-----
Aurora.....	-----	-----	-----	0.15	0.38	0.89	-----	-----	-----	-----
Aviston.....	-----	-----	-----	-----	-----	-----	0.25	-----	-----	-----
Barrington.....	-----	-----	-----	-----	0.73	-----	-----	-----	-----	-----
Barlett.....	-----	-----	-----	-----	0.19	0.19	-----	-----	-----	-----
Batavia.....	-----	-----	-----	-----	0.96	0.02	-----	-----	-----	-----
Beardstown.....	-----	-----	-----	-----	0.35	-----	-----	-----	-----	-----
Bellflower.....	-----	-----	-----	-----	-----	0.12	0.06	-----	-----	-----
Belleville.....	-----	0.08	-----	-----	2.09	-----	-----	-----	-----	-----
Bellevue.....	-----	-----	-----	-----	-----	-----	0.19	-----	-----	-----
Belvidere.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Bethalto.....	-----	-----	-----	-----	0.16	0.13	-----	-----	-----	-----
Bloomington.....	-----	-----	-----	-----	1.11	0.27	-----	-----	-----	-----
Blue Island.....	-----	-----	-----	-----	-----	0.40	-----	-----	-----	1
Braceville.....	-----	-----	-----	-----	-----	-----	0.12	-----	-----	-----
Bradley.....	-----	-----	-----	-----	-----	1.09	-----	-----	-----	-----
Breese.....	-----	-----	-----	-----	-----	0.19	-----	-----	-----	-----
Brookfield.....	-----	-----	-----	-----	0.21	0.46	0.25	-----	-----	-----
Burnham.....	-----	-----	-----	-----	0.15	-----	-----	-----	-----	-----
Bushnell.....	-----	-----	-----	-----	-----	0.97	-----	-----	-----	-----
Calumet City.....	-----	-----	-----	-----	16.27	8.17	-----	-----	-----	-----
Calumet Park.....	-----	-----	-----	-----	-----	0.60	-----	-----	-----	-----
Canton.....	-----	-----	-----	-----	-----	1.45	-----	-----	-----	-----
Carbondale.....	-----	-----	0.24	-----	-----	-----	-----	-----	-----	-----
Carmi.....	-----	0.13	-----	-----	0.80	-----	-----	-----	-----	-----
Carpentersville.....	-----	-----	-----	-----	-----	1.16	-----	-----	-----	-----
Cary.....	-----	-----	-----	-----	-----	-----	0.11	-----	-----	-----
Casey.....	-----	0.25	-----	-----	-----	-----	-----	-----	-----	-----
Cedarville.....	-----	-----	-----	-----	-----	0.10	-----	-----	-----	-----
Centralia.....	-----	-----	-----	-----	-----	-----	-----	0.54	-----	-----
Champaign.....	-----	-----	-----	-----	1.00	-----	-----	-----	-----	1
Charleston.....	-----	-----	-----	-----	0.61	-----	-----	-----	-----	-----

LOCAL ROADS AND STREETS

TABLE 65.—Continued.

Municipality	Concrete Pavement and Surfaces on a New Concrete Base				Bituminous Surfaces		Gravel or Stone Surfaces	Oiled Earth	Earth Grading	Bridges 20-foot Span or Over
	Widening and Single-lane (0' to 15')	Two-lane (16' to 24')	Three-lane (25' to 35')	Four-lane (36' and over)	On an Existing Rigid Base	Not on a Rigid Base				
	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Number
Chebanse	-----	-----	-----	-----	-----	0.57	0.57	-----	-----	-----
Chicago	-----	0.94	-----	11.48	9.13	4.46	-----	-----	-----	5
Chicago Heights	-----	-----	-----	-----	-----	0.68	-----	-----	-----	-----
Clarendon Hills	-----	-----	-----	-----	-----	-----	0.07	-----	-----	-----
Clifton	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Cornell	-----	-----	-----	-----	-----	0.60	-----	-----	-----	-----
Crystal Lake	-----	-----	-----	-----	-----	0.12	-----	-----	-----	-----
Dakota	-----	-----	-----	-----	-----	0.06	-----	-----	-----	-----
Dana	-----	-----	-----	-----	-----	0.36	-----	-----	-----	-----
Danville	-----	0.32	-----	-----	-----	0.27	-----	-----	-----	-----
Deer Creek	-----	-----	0.38	-----	2.25	-----	-----	-----	-----	-----
Deerfield	-----	-----	0.08	-----	0.45	0.09	-----	-----	-----	-----
DeKalb	-----	-----	-----	-----	-----	0.13	-----	-----	-----	-----
Des Plaines	-----	-----	-----	-----	0.92	0.09	-----	-----	-----	-----
Dolton	-----	-----	-----	-----	-----	0.16	-----	-----	-----	-----
Downs	-----	-----	-----	-----	-----	1.44	-----	-----	-----	-----
Durand	-----	-----	-----	-----	-----	0.15	0.06	-----	-----	-----
East Dundee	-----	-----	-----	-----	-----	0.58	0.48	-----	-----	-----
East Moline	-----	-----	-----	-----	0.27	0.58	-----	-----	-----	1
East Peoria	-----	-----	-----	-----	1.23	0.18	-----	-----	-----	-----
East St. Louis	-----	-----	-----	-----	-----	0.40	-----	-----	-----	-----
Effingham	-----	-----	-----	-----	0.28	0.53	-----	-----	-----	-----
Elgin	-----	-----	-----	-----	0.27	0.13	-----	-----	-----	-----
Elizabeth	-----	-----	-----	-----	1.13	-----	-----	-----	-----	-----
Elmhurst	-----	-----	-----	-----	-----	0.14	-----	-----	-----	-----
El Paso	-----	-----	-----	-----	-----	0.63	-----	-----	-----	-----
Erie	-----	-----	-----	-----	-----	-----	0.30	-----	-----	-----
Evanston	-----	-----	-----	-----	-----	-----	0.32	-----	-----	-----
Fairview	-----	-----	-----	-----	5.13	-----	-----	-----	-----	-----
Flossmoor	-----	-----	-----	-----	-----	0.06	-----	-----	-----	-----
Forest Park	-----	-----	-----	-----	-----	0.40	-----	-----	-----	-----
Forreston	-----	-----	-----	-----	-----	0.12	-----	-----	-----	-----
Freeport	-----	-----	-----	-----	-----	0.30	-----	-----	-----	-----
Fulton	-----	-----	-----	-----	0.67	2.16	-----	-----	-----	-----
Galesburg	-----	-----	-----	-----	-----	0.50	-----	-----	-----	-----
Geneseo	-----	-----	-----	-----	1.56	-----	-----	-----	-----	-----
	-----	-----	-----	-----	0.87	-----	-----	-----	-----	-----

LOCAL ROADS AND STREETS

Geneva	0.26	0.24	2.88	0.07	0.26
Georgetown	0.24	0.24	2.88	0.07	0.26
Glen Ellyn	4.43	1.33	1.69	0.07	0.26
Glencoe	1.33	0.67	0.07	0.03	0.26
Glenview	0.67			0.25	0.26
Goodfield				1.27	0.26
Gorham					0.26
Grafton					0.26
Granite City	0.73				0.26
Gridley					0.26
Harrisburg	0.17	0.38	0.38	0.38	0.26
Harvard	0.40	0.13	0.13	0.13	0.26
Harvey	2.74	1.33	1.33	0.45	0.26
Havana		0.45	0.45	0.17	0.26
Henry		0.17	0.17	0.41	0.26
Hickory Hills		0.51	0.51		0.26
Highland Park		0.11	0.11		0.26
Hinsdale	0.70	0.08	0.07		0.26
Hoffman Estates			0.27		0.26
Hometown			3.00		0.26
Homewood		0.49	0.22		0.26
Hoopeston		0.59			0.26
Jacksonville			0.42		0.26
Kankakee		0.35	2.22		0.26
Kewanee		1.56	0.41		0.26
Kirkland	0.08				0.26
LaGrange Park		0.78			0.26
Lake Forest		0.25	0.14		0.26
Lanark			0.14		0.26
Lansing			0.34		0.26
LaSalle		0.77	0.09		0.26
Lawrenceville		1.56			0.26
Leaf River		0.69			0.26
Leesville			0.60		0.26
Lemont				0.27	0.26
Libertyville		0.57			0.26
Lincoln		0.35	0.47		0.26
Lisle		0.25			0.26
Lombard			0.30		0.26
Lyons		1.22	0.05		0.26
Macomb		2.59	0.24		0.26
Madison			0.45		0.26
Malden			0.29		0.26
Manito				0.09	0.26
Maple Park			0.80		0.26
Mark			0.07		0.26
Markham			0.33		0.26
Maroa			0.75		0.26
Marselles			0.41		0.26
Mattoon		0.35	0.97		0.26
McHenry		0.82			0.26
Melrose Park			0.35		0.26
Minonk			0.70		0.26
Monticello		0.25	0.17		0.26

TABLE 65.—Continued.

Municipality	Concrete Pavement and Surfaces on a New Concrete Base				Bituminous Surfaces		Gravel or Stone Surfaces	Oiled Earth	Earth Grading	Bridges 20-foot Span or Over
	Widening and Single-lane (0' to 15')	Two-lane (16' to 24')	Three-lane (25' to 35')	Four-lane (36' and over)	On an Existing Rigid Base	Not on a Rigid Base				
	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Number
Morrison.....						2.64				
Morton.....						1.04				
Morton Grove.....						0.51				
Mount Prospect.....					1.12	1.83				
Mt. Vernon.....					0.44					
Mundelein.....					2.97					
Murphysboro.....						0.74				
Naperville.....						0.60				
Naplate.....						1.13				
Nashville.....						0.20				
Nelson.....						0.08	0.13			
Newton.....										
Normal.....						0.23				
Norridge.....						0.97	0.91			
North Chicago.....	0.52					0.50				
North Riverside.....					1.48	0.07				
Northbrook.....				0.24		0.18				
Oak Forest.....			0.30							
Oak Grove Park.....						3.00				
Oak Lawn.....						0.19				
Oak Park.....						0.75				
Oblong.....						1.55				
O'Fallon.....						0.18		0.28		
Orion.....										
Orland Park.....						0.07				
Ottawa.....		0.04			0.13	0.41				
Palatine.....						0.21				
Paris.....		0.50				0.29				
Park Forest.....										
Park Ridge.....					2.20	1.74				
Pearl City.....						1.51				
Pecatonica.....						0.38				
Pekin.....						0.51				
Peoria.....					0.76	1.16				
Peoria Heights.....										
Peru.....						0.23				
Phoenix.....						0.39				
Posen.....						0.73				
						6.14				

LOCAL ROADS AND STREETS

[illegible]

TABLE 65.—Concluded.

Municipality	Concrete Pavement and Surfaces on a New Concrete Base				Bituminous Surfaces		Gravel or Stone Surfaces	Oiled Earth	Earth Grading	Bridges 20-foot Span or Over
	Widening and Single Lane (0' to 15')	Two-lane (16' to 24')	Three-lane (25' to 35')	Four-lane (36' and over)	On an Existing Rigid Base	Not on a Rigid Base				
	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Number
Wilmette.....	-----	-----	-----	-----	1.08	0.31	-----	-----	-----	-----
Winnetka.....	-----	-----	-----	-----	1.64	0.44	-----	-----	-----	-----
Winthrop Harbor.....	-----	-----	-----	0.30	-----	-----	-----	-----	-----	-----
Woodstock.....	-----	-----	-----	-----	-----	0.47	-----	-----	-----	-----
Worth.....	-----	-----	-----	-----	-----	0.25	-----	-----	-----	-----
Zion.....	-----	-----	-----	-----	-----	2.18	-----	-----	-----	-----
Total.....	12.40	22.96	38.08	415.21	\$107.97	\$114.92	77.43	0.53	0.54	\$11

The above table does not include miscellaneous improvements such as storm sewers, traffic signals, street lighting, building removal, and small drainage structures.

¹ Portland Cement Concrete pavement widening.

² Includes 2.79 miles of Portland Cement Concrete pavement and 0.17 mile of I-11 bituminous concrete pavement on a new concrete base.

³ Portland Cement Concrete pavement.

⁴ Includes 14.72 miles of Portland Cement Concrete pavement and 0.49 mile of I-11 bituminous concrete pavement on a new concrete base.

⁵ Includes the following types:

Subclass B-4 modified	0.69 mile
Subclass B-5	4.32 miles
Subclass B-5 modified	3.16 miles
Subclass I-11	94.32 miles
Subclass I-11 modified	0.01 mile
Subclass J-1	0.35 mile
Subclass J-2	1.60 miles
Modified plant mix	3.52 miles
Total	107.97 miles

⁶ Includes the following types:

Subclass A-1	4.14 miles
Subclass A-1 modified	0.62 mile
Subclass A-2	0.25 mile
Subclass A-3	34.88 miles
Subclass A-3 modified	0.24 mile
Subclass B-3	0.41 mile

⁸ Includes 3 highway grade separation structures, 2 railroad grade separation structures, 1 culvert and 5 bridges.

Subclass B-4 modified 0.87 mile
Subclass B-5 22.71 miles
Subclass B-5 modified 0.56 mile
Subclass I-11 29.13 miles
Subclass I-11 modified 0.33 mile
Subclass J-2 1.29 miles
Bituminous seal coat 1.02 miles
Modified plant mix..... 18.47 miles
Total114.92 miles

⁷ Includes the following types:

Type A surface	0.11 mile
Type B base	2.19 miles
Type B surface	4.88 miles
Waterbound macadam base.....	0.25 mile

Total 7.43 miles

LOCAL ROADS AND STREETS

TABLE 66.—MOTOR FUEL TAX FUNDS AVAILABLE AND DISBURSED TO COUNTIES DURING 1963 FOR IMPROVEMENT OF LOCAL RURAL ROADS.

County	Balance Available Jan. 1, 1963	Allotted During 1963	Total Available During 1963	Disbursed for						Total Disbursed During 1963	Balance on Hand Dec. 31, 1963
				Construction	Right-of-way	Engineering	Township Indebtedness	Maintenance	Miscellaneous ²		
Adams.....	\$ 648,332.44	\$ 216,573.81	\$ 864,906.25	\$ 192,390.77	\$ 300.80	\$ 21,009.30	-----	\$ 85,041.97	-----	\$ 298,742.84	\$ 566,163.41
Alexander.....	64,306.65	42,151.24	106,457.89	33,090.97	470.00	2,185.90	-----	18,734.56	-----	54,481.43	51,976.46
Bond.....	107,094.71	109,209.08	216,303.79	-----	-----	4,910.77	-----	89,689.65	-----	94,600.42	121,703.37
Boone.....	26,755.04	77,775.16	104,530.20	37,186.81	-----	3,039.74	-----	13,828.37	-----	54,034.92	50,495.28
Brown.....	78,010.62	78,828.00	156,838.62	45,615.03	1,673.59	3,689.99	-----	22,289.03	-----	73,267.64	83,570.98
Bureau.....	238,032.28	215,993.00	454,025.28	166,585.09	-----	15,489.23	-----	22,652.19	-----	204,726.51	249,298.77
Calhoun.....	28,203.54	52,541.54	80,745.08	-----	-----	1,854.40	-----	60,928.66	-----	62,783.06	17,962.02
Carroll.....	78,426.23	111,578.38	190,004.61	68,861.64	-----	7,327.53	-----	525.00	-----	76,714.17	113,290.44
Cass.....	209,326.99	84,145.65	293,472.64	72,290.48	3,395.65	11,486.09	-----	51,035.96	-----	138,208.18	155,264.46
Champaign.....	207,623.23	323,908.21	531,531.44	33,440.52	-----	13,953.00	-----	257,730.64	-----	305,124.16	226,407.28
Christian.....	224,600.90	250,353.42	474,954.32	9,478.24	-----	4,856.66	-----	206,605.43	-----	220,940.33	254,013.99
Clark.....	174,499.13	159,375.08	333,874.21	35,281.33	-----	7,821.82	-----	107,182.76	-----	150,285.91	183,588.30
Clay.....	61,610.48	154,441.01	216,051.49	65,258.23	-----	6,085.98	-----	86,474.10	-----	157,818.31	58,233.18
Clinton.....	37,208.53	126,825.39	164,033.92	-----	-----	4,523.37	-----	116,996.61	-----	121,519.98	42,513.94
Coles.....	79,667.45	159,050.77	238,718.22	25,955.19	-----	5,508.87	-----	133,150.65	-----	164,614.71	74,103.51
Cook.....	308,113.09	135,455.43	443,568.52	106,262.78	-----	4,350.90	-----	-----	-----	110,613.68	332,954.84
Crawford.....	88,613.63	137,928.71	226,542.34	14,490.04	4,750.76	4,975.17	-----	68,268.90	-----	92,484.87	134,057.47
Cumberland.....	-----	114,088.68	114,088.68	6,586.00	-----	743.60	-----	56,419.62	-----	63,749.22	50,339.46
DeKalb.....	241,371.28	176,313.92	417,685.20	196,149.43	-----	9,468.01	-----	12,683.29	-----	218,300.73	199,384.47
DeWitt.....	97,933.99	124,593.16	222,527.15	-----	-----	4,497.18	-----	107,718.78	-----	112,215.96	110,311.19
Douglas.....	13,413.62	135,203.33	148,616.95	-----	-----	4,695.41	-----	110,305.20	-----	115,000.61	33,616.34
DuPage.....	217,285.51	142,363.67	359,649.18	61,644.28	-----	16,572.71	-----	2,046.97	-----	156,549.57	203,099.61
Edgar.....	57,777.69	190,123.05	247,900.74	31,928.08	517.25	7,582.59	-----	109,352.92	-----	179,097.04	68,803.70
Edwards.....	59,287.51	66,807.75	126,095.26	-----	-----	3,400.33	-----	31,497.11	-----	66,825.52	59,269.74
Effingham.....	120,400.86	147,376.49	267,777.35	7,410.77	-----	3,635.04	-----	140,401.46	-----	144,036.50	123,740.85
Fayette.....	211,310.06	235,464.64	446,774.70	-----	-----	2,539.43	\$ 1,787.40	236,325.70	-----	248,063.30	198,711.40
Ford.....	28,713.48	153,664.93	182,378.41	105,785.12	-----	7,866.34	15,000.00	25,702.30	-----	154,353.76	28,024.65
Franklin.....	57,485.54	130,957.21	188,442.75	1—12,916.69	-----	7,580.84	-----	91,689.18	-----	86,353.33	102,089.42
Fulton.....	276,493.07	199,234.89	475,727.96	107,346.45	-----	6,774.74	-----	25,545.07	-----	139,666.26	336,061.70
Gallatin.....	100,079.32	73,688.43	173,767.75	59,985.58	686.53	6,399.50	-----	41,847.16	-----	108,232.24	65,535.51
Greene.....	117,187.58	130,577.30	247,764.88	33,479.29	-----	3,332.05	-----	48,411.76	-----	85,909.63	161,855.25
Grundy.....	77,324.20	111,197.16	188,521.36	75,512.56	-----	6,082.90	-----	11,694.73	-----	93,290.19	95,231.17
Hamilton.....	50,487.69	150,362.68	200,850.37	41,978.09	1,002.00	5,915.41	-----	107,176.35	-----	155,069.85	45,780.52
Hancock.....	538,679.79	236,719.38	775,399.17	305,538.58	-----	19,794.34	-----	50,345.83	-----	376,680.75	398,718.42
Hardin.....	25,005.33	34,572.31	59,577.64	-----	-----	3,855.62	-----	11,841.49	-----	15,697.11	43,880.53
Henderson.....	136,689.52	92,423.45	229,112.97	16,710.78	-----	3,066.32	-----	64,595.58	-----	84,372.68	144,740.29
Henry.....	331,696.30	226,561.24	558,257.54	132,887.54	-----	17,616.30	-----	86,869.95	-----	237,373.79	320,883.75
Iroquois.....	326,836.26	318,147.60	644,983.86	241,965.63	-----	15,528.66	-----	116,837.81	-----	374,332.10	270,651.76
Jackson.....	146,224.40	130,377.52	276,601.92	17,327.07	-----	2,688.87	4,000.00	54,045.12	-----	78,061.06	198,540.86
Jasper.....	133,374.90	161,815.69	295,190.59	56,455.95	-----	7,872.36	-----	97,184.91	-----	161,513.22	133,677.37
Jefferson.....	63,309.00	191,835.63	255,144.63	8,062.72	-----	7,941.99	-----	177,723.26	1—36.27	193,691.70	61,452.93

LOCAL ROADS AND STREETS

TABLE 66.—Concluded.

County	Balance Available Jan. 1, 1963	Allotted During 1963	Total Available During 1963	Disbursed for					Total Disbursed During 1963	Balance on Hand Dec. 31, 1963
				Con-struction	Right-of-way	Engineering	Township Indebtedness	Mainte-nance	Mis-cellaneous ³	
Jersey	71,965.80	80,969.23	152,935.03	23,431.46	-----	2,796.46	-----	51,756.03	-----	77,983.95
JoDavless	134,711.14	132,021.76	266,732.90	52,192.48	-----	3,046.85	4,510.00	40,066.70	-----	99,816.03
Johnson	50,837.66	74,433.47	125,271.13	52,722.05	-----	4,228.72	-----	19,471.94	794.75	77,217.46
Kane	203,986.52	108,946.30	312,932.82	57,982.18	-----	7,164.38	-----	14,996.70	-----	80,143.26
Kankakee	221,304.09	190,162.75	411,466.84	173,850.14	-----	15,028.04	-----	27,253.23	-----	216,131.41
Kendall	173,549.10	78,526.89	252,075.99	137,520.02	-----	4,467.13	-----	200.00	-----	142,187.15
Knox	169,754.33	186,470.07	356,224.40	178,518.86	564.60	13,382.71	-----	14,233.89	-----	206,700.06
Lake	113,807.43	104,270.12	218,077.55	45,626.94	-----	7,606.68	-----	3,823.06	463.88	57,520.56
LaSalle	232,027.92	313,049.33	545,077.25	267,960.45	-----	17,598.23	7,000.00	12,438.87	-----	304,997.55
Lawrence	64,418.87	110,333.46	174,752.33	11,863.95	1-8.28	3,864.27	-----	64,808.40	-----	80,528.34
Lee	145,990.07	192,903.57	338,893.64	189,754.71	-----	12,976.92	-----	-----	-----	202,731.63
Livingston	317,077.91	346,007.43	663,085.34	305,721.31	-----	12,249.25	20,000.00	49,394.00	-----	287,364.56
Logan	182,436.65	165,373.66	347,810.31	109,759.44	2,239.33	12,976.04	-----	15,562.54	-----	140,537.35
McDonough	192,872.87	176,246.61	369,119.48	62,295.17	-----	5,900.95	-----	52,224.27	-----	220,420.39
McHenry	145,524.71	151,016.88	296,541.59	61,592.06	-----	12,526.74	-----	33,009.77	-----	107,128.57
McLean	91,228.34	318,039.33	409,267.67	214,711.92	-----	14,093.48	-----	26,891.48	-----	255,696.88
Macon	136,995.73	186,792.66	323,788.39	54,272.60	1,309.00	10,883.26	-----	108,109.20	-----	174,574.06
Macoupin	93,144.30	230,454.50	323,598.80	-----	-----	9,901.86	-----	198,564.30	-----	208,466.16
Madison	266,895.75	197,518.33	464,414.08	-----	-----	5,797.27	-----	141,559.77	-----	177,087.74
Marion	49,404.19	177,477.45	226,883.64	39,187.76	-----	9,399.37	-----	155,017.91	-----	203,605.04
Marshall	72,768.39	96,447.54	169,215.93	15,176.34	400.00	2,373.03	-----	73,050.63	-----	91,000.00
Mason	135,084.02	140,108.58	275,192.60	66,554.30	2,085.96	7,985.04	-----	44,738.10	-----	121,363.40
Massac	5,165.10	65,250.72	70,415.82	43,223.55	680.00	5,101.19	-----	10,000.00	-----	59,004.74
Menard	118,801.81	82,020.96	200,822.77	38,387.10	-----	4,354.46	-----	56,566.21	-----	99,307.77
Mercer	134,021.03	154,000.55	288,021.58	73,867.57	-----	4,505.20	-----	37,191.46	-----	115,564.23
Monroe	37,817.99	90,406.43	128,224.42	9,041.40	-----	2,652.22	-----	70,140.53	-----	81,834.15
Montgomery	98,789.20	217,235.47	316,024.67	2,766.96	-----	5,165.76	-----	195,969.73	-----	203,902.45
Morgan	135,112.96	153,528.20	288,641.16	60,110.63	7,771.81	7,719.20	-----	72,772.12	1,597.50	149,971.26
Moultrie	102,092.55	112,404.65	214,497.20	3,037.63	-----	4,103.10	-----	85,838.13	-----	92,978.86
Ogle	264,111.97	194,135.93	458,247.90	192,271.01	-----	14,213.19	-----	35,693.12	-----	242,177.32
Peoria	327,350.67	153,903.02	481,253.69	109,290.45	-----	19,161.55	-----	2,778.04	-----	131,230.04
Perry	82,523.49	107,008.37	189,531.86	6,327.89	-----	2,264.43	-----	87,417.44	-----	96,009.76
Piatt	255,161.82	136,221.65	391,383.47	105,005.00	1,561.70	7,567.19	-----	85,754.08	-----	199,887.97
Pike	392,566.03	215,795.83	608,361.86	133,466.91	7,306.21	7,511.96	-----	82,453.60	-----	230,738.68
Pope	75,658.53	66,982.39	142,640.92	80,661.23	-----	8,316.45	-----	25,330.16	-----	114,307.84
Pulaski	6,869.87	51,547.31	58,417.18	-----	-----	2,647.00	-----	21,634.58	-----	24,281.58
Putnam	62,253.71	40,828.73	103,082.44	57,149.41	-----	1,911.22	-----	-----	-----	59,060.63
Randolph	75,036.29	134,115.95	209,152.24	4,935.26	-----	1,821.80	-----	61,192.84	-----	67,949.90
Richland	46,537.92	127,873.58	174,411.50	99,571.26	-----	5,590.10	-----	39,581.97	-----	144,743.33
Rock Island	112,000.92	86,921.04	198,921.96	38,069.05	-----	2,419.46	-----	28,144.50	-----	68,633.01
St. Clair	407,807.40	166,003.97	573,811.37	46,337.83	-----	5,526.73	-----	93,131.62	-----	144,996.18

Saline.....	190,924.54	114,744.26	305,668.80	86,356.24	---	8,884.79	---	31,886.27	---	127,127.30	178,541.50
Sangamon.....	412,779.93	238,281.60	651,061.53	61,171.53	---	1,876.83	---	191,690.19	---	260,608.32	390,453.21
Schuyler.....	179,538.76	115,693.49	295,232.25	1-2,252.31	---	3,002.96	---	82,180.81	---	82,931.46	212,300.79
Scott.....	284,098.69	60,267.51	344,366.20	117,568.04	700.00	2,885.58	---	16,664.40	---	137,818.02	206,548.18
Shelby.....	81,417.07	257,019.53	338,436.60	2,438.73	---	6,971.85	---	227,500.97	---	236,911.55	101,525.05
Stark.....	77,410.89	77,051.13	154,462.02	88,066.52	---	5,599.15	---	14,617.07	---	108,282.74	46,179.28
Stephenson.....	188,538.28	163,848.37	352,386.65	117,521.91	---	7,146.44	---	23,192.80	---	147,861.15	204,525.50
Tazewell.....	112,375.37	177,489.27	289,864.64	143,288.27	---	10,497.62	---	9,341.75	---	163,127.64	126,737.00
Union.....	11,846.43	84,913.59	96,760.02	---	---	3,002.19	---	32,043.02	---	35,045.21	61,714.81
Vermilion.....	168,739.48	268,397.98	437,137.46	130,967.79	620.00	11,821.17	---	75,298.17	---	218,707.13	218,430.33
Wabash.....	51,749.21	60,917.46	112,666.67	2,666.06	---	2,064.72	---	46,947.77	---	51,678.55	60,988.12
Warren.....	198,516.71	162,075.11	360,591.82	1-8,349.05	---	3,719.93	---	112,526.34	1-375.99	107,521.23	253,070.59
Washington.....	162,204.56	139,478.71	301,683.27	18,914.78	---	8,700.87	---	108,299.80	---	135,915.45	165,767.82
Wayne.....	185,132.98	235,915.04	421,048.02	34,655.95	---	6,891.04	---	147,118.06	---	188,665.05	232,382.97
White.....	133,583.98	163,875.09	297,459.07	67,814.60	---	3,336.85	---	133,493.01	---	204,644.46	92,814.61
Whiteside.....	173,219.35	170,007.84	343,227.19	98,529.83	48.00	8,146.10	---	59,688.77	---	166,412.70	176,814.49
Will.....	710,864.11	246,163.87	957,027.98	232,389.06	2,923.00	17,761.59	---	50,401.45	---	303,475.10	653,552.88
Williamson.....	179,173.24	121,794.83	300,968.07	---	---	2,228.47	---	75,219.85	---	77,448.32	223,519.75
Winnebago.....	80,532.75	130,963.25	211,496.00	83,118.68	2,480.00	7,861.32	---	5,295.37	1,098.00	99,853.37	111,642.63
Woodford.....	61,182.95	146,893.35	208,081.30	82,602.68	---	6,260.90	---	16,536.15	---	105,399.73	102,631.57
Total.....	\$15,738,086.17	\$15,360,156.94	\$31,098,243.11	\$ 7,149,348.53	\$ 49,347.63	\$ 735,978.52	\$ 52,297.40	\$ 6,958,098.97	\$ 3,541.87	\$14,948,612.97	\$16,149,630.14

¹ Transferred from funds certified prior to 1963.

² District's contribution to Illinois Municipal Employees' Retirement Fund or Social Security.

LOCAL ROADS AND STREETS

TABLE 67.—ROAD DISTRICT MOTOR FUEL TAX CONSTRUCTION APPROVED DURING 1963.

County	Bituminous Surfaces Not on a Concrete Base		Gravel or Stone Surfaces		Oiled Earth		Bridges ¹	
	Miles	Cost	Miles	Cost	Miles	Cost	Number	Cost
Adams	1.16	\$30,083.51	6.40	\$ 155,143.87				
Alexander			0.60	26,471.24				\$ 6,369.85
Bond								
Boone	4.28	16,359.84	3.41	23,374.70				
Brown			6.67	58,773.05				
Bureau	21.19	143,538.24	0.99	13,993.11				
Calhoun								
Carroll	0.05		12.27	87,712.59				
Cass	0.38		2.59	34,708.44	2.67	\$ 7,992.87	2	53,154.28
Champaign			3.01	17,804.15	7.03	16,709.64	1	10,503.92
Christian								
Clark			5.97	41,770.77				
Clay			9.27	45,808.92	5.56	20,191.03		
Clinton								
Coles			2.85	21,017.61	0.20	6,589.59		
Cook	5.95	86,526.75						15,894.80
Crawford								
Cumberland			1.14	6,586.00				
DeKalb	9.00	72,507.52	7.78	120,452.98			1	48,416.55
DeWitt								
Douglas								
DuPage	4.89	151,990.02						
Edgar	1.02	3,746.94	5.25	43,779.97				
Edwards			5.57	30,101.46				
Effingham								
Fayette								
Ford	19.22	69,140.21	8.93	30,823.67				6,046.05
Franklin			1.06	6,776.08				
Fulton			8.37	93,136.00			1	23,044.35
Gallatin			7.15	61,611.81				
Greene			4.59	43,475.20				12,014.69
Grundy	9.84	23,024.51	9.04	75,538.62				
Hamilton			12.04	49,264.35				1,978.52
Hancock	0.84	18,664.27	19.59	267,534.43			1	36,959.41
Hardin								
Henderson			2.32	19,759.64				
Henry			11.33	127,558.14	2.98	11,965.93		
Iroquois	0.81	3,401.80	38.17	280,096.46				
Jackson			2.09	20,657.51				
Jasper			12.92	67,684.10				
Jefferson					3.62	9,462.49		
Jersey			4.79	26,549.99				
JoDavie			5.94	24,135.73	2.69	8,488.28		2,000.00
Johnson			9.83	76,658.53				
Kane	2.26	5,599.30	6.17	35,378.32			1	16,261.40
Kankakee	4.78	26,944.25	11.34	128,971.28			1	23,729.00
Kendall	6.56	35,951.88	3.81	84,349.45			3	37,659.60
Knox			14.52	142,887.92			3	73,395.14
Lake	8.13	29,210.01	1.86	18,491.80				3,844.00
LaSalle	21.46	92,990.45	38.81	182,019.47	1.22	1,297.24		
Lawrence			2.01	15,727.34	2.08	5,066.46		
Lee	6.04	37,263.24	24.67	155,402.09	0.99	2,799.18		19,036.15
Livingston	6.30	24,223.98	67.25	331,905.36			3	51,267.65
Logan	11.12	110,298.16	0.57				1	49,528.91
McDonough			13.17	77,267.03				
McHenry	4.97	28,715.33	4.19	36,266.20				
McLean	50.00	225,647.34	23.85	111,683.36			5	91,743.50
Macon			2.28	24,861.00	1.00	3,656.80	2	58,976.15
Macoupin								
Madison			0.73	26,154.50				
Marion					17.59	41,546.39		
Marshall			2.52	17,843.34				
Mason	4.99	42,854.95	0.97	12,863.50	1.55	4,440.05	1	25,136.00
Massac	3.15	52,613.39						
Menard					6.09	38,449.26		
Mercer			9.86	71,435.05				
Monroe			3.06	9,132.80				
Montgomery								
Morgan			4.77	80,006.14	1.48	26,288.58		
Moultrie					2.99	4,857.03		
Ogle	2.49	12,694.95	10.90	153,948.53				
Peoria	0.25	24,733.93	6.41	123,621.55				
Perry					1.88	6,004.15		
Platt					1.22		6	101,384.99
Pike			7.55	119,204.73				10,575.10

LOCAL ROADS AND STREETS

TABLE 67.—Concluded.

County	Bituminous Surfaces Not on a Concrete Base		Gravel or Stone Surfaces		Oiled Earth		Bridges ¹	
	Miles	Cost	Miles	Cost	Miles	Cost	Number	Cost
Pope			9.73	85,713.33				
Pulaski								
Putnam	0.89	20,814.03	2.83	34,490.95				
Randolph								
Richland	1.48	37,405.79	11.51	68,530.22				
Rock Island			1.20	20,802.66			1	20,933.20
Saline			14.03	124,687.24				
Sangamon			1.93	22,786.97	2.77	146,919.45	1	
Schuyler								
Scott			2.82	53,247.72			2	95,049.45
Shelby					1.98	6,476.18		
Stark			16.69	90,084.04				
Stephenson			7.49	125,319.05			1	9,191.50
St. Clair	0.19	2,360.06	3.54	42,858.17				559.80
Tazewell	14.88	83,353.72	4.25	62,684.76				3,900.00
Union								
Vermilion	1.38	44,304.99	9.15	91,133.11				1,600.70
Wabash			0.45	2,666.06				
Warren								
Washington			1.54	11,125.12				10,956.40
Wayne			7.88	40,258.40				
White			16.16	67,192.04	2.78	8,525.84		
Whiteside	2.76	17,949.23	6.17	73,030.00			3	80,849.40
Will	2.66	20,078.56	10.52	178,765.57	2.25	22,301.40	1	45,018.25
Williamson								
Winnebago	8.22	42,431.09	1.99	21,878.97				
Woodford	27.05	113,207.66	0.45	6,708.00				
Total	² 270.64	\$1,750,629.90	³ 623.53	\$5,182,142.26	⁴ 72.62	\$400,027.84	⁵ 41	\$1,046,978.71

Note: The costs tabulated in the "Cost" columns estimated cost for day labor improvements and contract price for contract improvements.

¹ Only bridges and culverts having a 20-foot span or over are included in the number. The "Cost", however, includes small drainage structures and other incidental work built separately or in connection with the bridge sections.

² Includes the following types:

Subclass A-1	6.81 miles
Subclass A-1 modified	3.71 miles
Subclass A-2	35.62 miles
Subclass A-2 modified	7.54 miles
Subclass A-3	160.67 miles
Subclass A-3 modified	3.40 miles
Subclass B-3	1.64 miles
Subclass B-5	3.14 miles
Subclass I-11	0.74 mile
Asphalt Stabilized Base Course	1.44 miles
Bituminous Road Mix	45.93 miles
Total	270.64 miles

³ Includes the following types:

Type A surface	5.60 miles
Type A base	0.73 mile
Type B surface	609.14 miles
Type B base	8.06 miles
Total	623.53 miles

⁴ Includes the following types:

Graded earth	9.57 miles
Oiled earth	49.17 miles
Road oil	13.88 miles
Total	72.62 miles

⁵ Includes 36 bridges and 5 culverts.

LOCAL ROADS AND STREETS

TABLE 68.—ROAD DISTRICT MOTOR FUEL TAX CONSTRUCTION COMPLETED DURING 1963.

County	Bituminous Surfaces	Gravel or Stone Surfaces	Oiled Earth	Bridges 20-foot Span or Over
	Miles	Miles	Miles	Number
Adams.....		3.10		
Alexander.....		0.52		
Boone.....	4.27	3.41		
Brown.....		2.85		
Bureau.....	13.59	0.99		
Carroll.....		9.06		
Cass.....		3.35	2.50	1
Champaign.....		4.01	7.03	
Christian.....		3.93		
Clark.....		2.52		
Clay.....		9.83	10.67	
Coles.....		5.01	0.20	
Cook.....	4.44			
Crawford.....		8.02		
DeKalb.....	9.00	8.77		1
DeWitt.....			4.48	
DuPage.....	5.43			
Edgar.....	1.02	5.48		
Edwards.....		7.97		
Fayette.....		1.01		
Ford.....	19.25	21.93		
Franklin.....		4.04		
Fulton.....		8.37		1
Gallatin.....		9.59		
Greene.....		8.21		
Grundy.....	9.84	11.05		
Hamilton.....		13.10		
Hancock.....	0.84	19.79		2
Hardin.....		6.00		
Henderson.....		0.99		
Henry.....		17.61	1.07	
Iroquois.....	0.81	42.04		
Jackson.....		6.94		
Jasper.....		9.10		
Jefferson.....			1.44	
Jersey.....		6.44		
JoDaviess.....		12.12	2.69	
Johnson.....		7.03		
Kane.....	2.26	6.17		
Kankakee.....	4.14	9.15		1
Kendall.....	6.56	2.41		3
Knox.....		14.52		3
Lake.....	8.12	1.85		
LaSalle.....	22.79	54.49	3.18	
Lawrence.....	0.97	7.81		
Lee.....	6.04	21.80	0.99	
Livingston.....	3.99	70.58		4
Logan.....	7.96	0.57		1
McDonough.....		13.17		
McHenry.....	3.21	3.19		
McLean.....	49.99	25.50		4
Macon.....			2.82	
Madison.....		0.73	0.49	
Marion.....			7.23	
Marshall.....		1.01		
Mason.....	5.45	0.97	1.00	1
Massac.....	8.08	1.50		1
Menard.....		3.36	2.99	
Mercer.....		10.96		
Monroe.....		6.95		
Montgomery.....			3.12	
Morgan.....			2.37	
Moultrie.....			4.36	2
Ogle.....	2.49	10.88		
Peoria.....	0.25	6.41		
Perry.....			1.88	
Platt.....			0.37	7
Pike.....		17.88		1
Pope.....		4.32		
Pulaski.....		2.59		
Putnam.....		1.70		
Randolph.....		5.41		
Richland.....	1.00	1.00		
Rock Island.....		3.94	1.11	2

LOCAL ROADS AND STREETS

TABLE 68.—Concluded.

County	Bituminous Surfaces	Gravel or Stone Surfaces	Oiled Earth	Bridges 20-foot Span or Over
	Miles	Miles	Miles	Number
Saline.....		13.95		
Sangamon.....		0.40	3.15	1
Scott.....		0.95		
Shelby.....			12.04	
Stark.....		15.39		
Stephenson.....		6.49		1
Tazewell.....	22.89	6.01		
Union.....		0.95	2.25	
Vermillion.....		18.54		1
Wabash.....		2.88		
Wayne.....		14.63		
White.....		5.11		
Whiteside.....	3.12	7.96		2
Will.....	2.65	7.55	2.25	
Winnebago.....	8.24	5.89		
Woodford.....	19.16	3.51		
Total.....	1257.85	2705.21	81.68	40

Note: The above table does not include miscellaneous improvements such as small drainage structures.

¹ Includes the following types:

Subclass A-1	13.95 miles
Subclass A-1 mod.	1.76 miles
Subclass A-2	36.06 miles
Subclass A-2 mod.	4.77 miles
Subclass A-3	145.68 miles
Subclass A-3 mod.	3.39 miles
Subclass B-5	4.10 miles
Subclass B-5 mod.	1.17 miles
Asphalt stabilized base	0.97 mile
Bituminous road mix.....	46.00 miles
Total	257.85 miles

² Includes the following types:

Type A surface	2.83 miles
Type A surface mod.	3.45 miles
Type B surface	688.95 miles
Type B base	9.98 miles
Total	705.21 miles

³ Includes the following types:

Oiled earth	69.89 miles
Grading	11.79 miles
Total	81.68 miles

⁴ Includes the following types:

Bridges	36
Culverts (20' or over)	4
Total	40

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